Enrollment Dates and Deadlines

February 8 - Pre-Enrollment information given to students in Seminar.
February 22 - Counselors to meet with students in GPS until enrollments are submitted.
February 26 - 8th Grade Parent/Student Pre-Enrollment Night 6:30 - 9:00 p.m.
March 4 - 8th Grade Pre-Enrollment forms due to HMS Counselors.
March 8 - Online Pre-Enrollment closes for current 9th - 11th grades at HHS. Enrollment forms are due.
March 18 - 20 - Online Pre-Enrollment for current 8th graders at HMS with HHS Counselors.

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John Linn, Assistant Principal
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Special Education/Gifted:
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Angela Cook, Gifted Education

Address:
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Hays, Kansas 67601

Hays High Website: www.hayshighindians.com

Enrollment Requirements

HHS GRADUATION REQUIREMENTS
Language Arts 4
Social Studies 3
Which must include 1 credit of American History, 1/2 credit of American Government and 1/2 credit of World History.
Science 3
Mathematics 3
Physical Education /Health 1
1/2 Physical Education activity and 1/2 Health credit
Fine Arts 1
Art
Foreign Language
Music
Language Arts Electives
Technology Communications
Practical Arts 1
Agriscience
Business
Human Services
Industrial Technology
Computer Technology 1
Elective Studies 8
Total 25

• All students (9, 10, 11, 12) are expected to enroll in a full course schedule (seven units of credit). Fifth year students returning to complete requirements for graduation may enroll in fewer than seven units of credit with the approval of the principal.

State Graduation Requirements
English—4 credits
Math—3 credits
Science—3 credits
Social Science—3 credits
PE/Health—1 credit
Fine Arts—1 credit

• One credit is equal to successful completion in a one-year class.
• One-half credit is equal to successful completion in a one-semester class.

USD 489 Grading Scale

A+ 4.0 99-100
A 4.0 96-98
A- 4.0 93-95
B+ 3.5 90-92
B 3.0 86-89
B- 3.0 83-85
C+ 2.5 80-82
C 2.0 76-79
C- 2.0 73-75
D+ 1.5 70-72
D 1.0 66-69
D- 1.0 63-65
F 62 and below

FR/SO/JR/SR Status

Hays High School determines student classification by the following criteria:
0 – 4 Credits = Freshman Status
5 – 10 Credits = Sophomore Status
11– 17 Credits = Junior Status
18+ Credits = Senior Status
Remedial Opportunities

Remedial assistance is available in English and math during the summer school session. Remedial courses may not substitute for a required course but may be used to complete course work failed during the regular school session. The work successfully completed is considered an extension of the regular session course and is graded accordingly.

Course Offerings

Hays High School continues to explore new course offerings to better meet the needs of today’s students. The course section of this guide describes the many course offerings available. The final scheduling of courses will be subject to pre-enrollment in the course.

Foreign Exchange Student Policy

Admission of foreign exchange students for first semester shall be made before the beginning of a semester. Foreign exchange students will be enrolled on a space-available basis, subject to class size. All foreign exchange organizations should avoid placement of more than one (1) student of a particular nationality in any one school. Foreign exchange students shall maintain passing grades in all subjects as well as satisfactory discipline and attendance records. If the year that a foreign exchange student attends Hays High School completes their secondary education in that country and qualifies them for high school graduation in that country, the foreign exchange student will be allowed to participate in Hays High’s commencement but will not receive a diploma.

Schedule Changes

All students are required to enroll in 7 units of credit or be approved in order to participate in special programs supervised by the school. Fifth-year seniors may enroll in fewer than 7 units of credit with the approval of the principal.

After the final enrollment for the school semester, schedule changes will be considered only under the following conditions:

• The request has been made by a teacher or administrator to meet the special needs of the students, school, or staff.
• The request has been made by the student and parent on or before the 5th day of the semester.
• Pre-enrollment changes must be made on or before the last day of school.
• All fees must be paid or transferred before getting a new schedule.
• Requests for a schedule change after the 5th day will be considered only with the agreement of the subject teacher, counselor, parent, and administrator that the student is inappropriately placed.
• A grade of “F” for the semester will be placed on the permanent record for any course that is “dropped” without such approval.

Assessments

STATE ASSESSMENTS—Kansas law requires statewide assessment testing of all high school students by the end of a “cohort” year. Currently the annual sophomore cohort assessments are Math & Reading and the junior cohort assessments are Science, Social Studies and Writing. Please note that the subject(s) students are expected to take is determined by the Kansas State Department of Education (KSDE) and is subject to change.

STAR Enterprise—Measure of Academic Progress tests are administered to all 9th graders each fall, winter and spring.

CAREER CRUISING — is an online career program that will be used beginning 2017-18. The program includes an interest inventory, career information, information about post-secondary institutions, and a scholarship directory.

ASVAB—the Armed Services Vocational Aptitude Battery is offered to juniors and seniors investigating career options. The battery of twelve tests measures a student’s aptitude in the areas of Verbal, Math, Perceptual Speed, Mechanical, Trade, Technical, and Academic Ability.

PSAT—the Preliminary Scholastic Aptitude Test is given in October of each year. This serves as a good practice test for the SAT and is necessary for National Merit Scholarship competition. Students should take this test during their junior year; however, sophomores may take it as a practice test.

ACT—the American College Test is required by all Kansas colleges and by many others in the Midwest. The test is offered six times throughout the year. It is recommended that students take the ACT test at least once or twice during the junior year. Students may choose to take the ACT test again in the fall of their senior year.

SAT—the Scholastic Aptitude Test(s) are a part of the College Board Testing program and are offered several times during the year. Many selective colleges require these tests.

SCHOLARSHIP AND POST-SECONDARY PREPARATION

The Guidance Office maintains information relating to scholarship and admission applications. Students should begin planning for post-secondary study during their junior year in high school.
Kansas Board of Regents
Qualified Admissions (QA) Precollege Curriculum

Five of the six state universities in Kansas, including Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, and Wichita State University, use the standards below to review applicants for undergraduate admission. The University of Kansas has different admission standards from those below, visit admissions.ku.edu for more information. Standards are set by the Kansas Board of Regents.

ACCREDITED HIGH SCHOOL
If you are a Kansas resident who will graduate from an accredited high school during the 2016-2017 academic year or later, you can guarantee admission to five of the state’s universities by completing the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by meeting one of the following requirements:

- ACT score of at least 21; OR
- SAT score of at least 980; OR
- Graduate in the top 1/3 or your class.

If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

QUALIFIED ADMISSIONS PRECOLLEGE CURRICULUM

Kansas Course Codes are used to identify courses that fulfill Qualified Admissions curriculum requirements. A complete list of courses is available at the Kansas Board of Regents website: kansasregents.org/qualified_admissions. Additionally, your high school counselor has a list of courses at your high school that fulfill these requirements.

One unit is equivalent to one year, or two semesters. Dual enrollment, concurrent enrollment, and online courses may be used to fulfill the Qualified Admissions curriculum requirements. All courses must appear on your high school transcript, and courses completed in middle school or junior high do not fulfill the Qualified Admissions Math requirements.

<table>
<thead>
<tr>
<th>English</th>
<th>Math</th>
<th>Social Science</th>
<th>Natural Science</th>
<th>Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 approved units, 1/2 may be Speech</td>
<td>Must complete either: Option A - 3 approved units and meet the ACT college readiness math benchmark of 22. Option B - 4 approved units, one of which must be taken in the graduating year.</td>
<td>3 approved units.</td>
<td>3 approved units, one of which must be a full unit of Chemistry or Physics.</td>
<td>3 approved units.</td>
</tr>
</tbody>
</table>

Kansas Board Of Regents
State Scholars Curriculum Requirements

As a Kansas high school graduate, you may be eligible for one of two state-sponsored scholarship programs:

- State Scholarship Program
- Minority Scholarship Program

To be eligible for one of these scholarships, you must complete all the required courses for Qualified Admissions Precollege Curriculum plus an additional three units as follows:

Math — 1 additional unit; total of 4 units required

Foreign Language — 2 year-long units required
- Students are required to complete two high school year-long units in one foreign language.

Natural Science
- Students are required to complete Honors Biology, Chemistry I Honors and Advanced Physics.

For more information visit the Kansas Board of Regents Website at www.kansasregents.org
To be eligible for participation in Kansas State High School Activities Association sponsored activities, a student must:

- have passed at least five new subjects (those not previously passed) during the previous semester or the last semester of attendance;
- be enrolled and attending a minimum of five subjects during the present semester;
- be a bonafide student in good standing;
- have a KSHSAA physical examination on file prior to the first practice;
- refrain from engaging in outside competition in the same sport during a season in which he/she is representing the school.

Kansas State High School Activities Association (KSHSAA)

Hays High School Activities

Co-Curricular Activities

FFA
DECA
Science Olympiad
Math Relays
Scholars Bowl
Tribe Broadcasting
Debate
Forensics
Hays High Industrial Technology Assoc. (HHITA)
Spring Play
German Schulerkongress
Web Design
Applied Graphic Design
Digital Media Design & Production
Orchestra
Marching Band
Jazz Band
Concert Band
Pep Band
Chorale
Concert Choir
Chamber Singers
Musical

Sports

(F)=Fall - (W)=Winter - (S)=Spring
Football (F)
Boys Cross Country (F)
Girls Cross Country (F)
Volleyball (F)
Boys Tennis (S)
Girls Tennis (F)
Boys Golf (S)
Girls Golf (F)
Boys Soccer (F)
Girls Soccer (S)
Wrestling (W)
Boys Swimming (W)
Girls Swimming (S)
Boys Basketball (W)
Girls Basketball (W)
Baseball (S)
Girls Softball (S)
Boys Track (S)
Girls Track (S)
Cheerleading
Dance Team
Intramurals
Weightlifting Club

School Wide Organizations

Student Council
National Honor Society
Sociedad Honoraria Hispanica
Guitar Club
Leadership Team
Drama Club
Knitting Club
Chess Club
Art Club
Tribe Anglars Club
Astronomy Club
Spirit Club
Anime Club
CARE Club (Community, Acceptance and Respect for Everyone)
Jana’s Campaign Advisory Board
Hays High American Red Cross Club

HAYS HIGH SCHOOL • Page 5
NCAA Division I - Eligibility Requirements

Additional information regarding NCAA amateurism rules is available on the NCAA's Web site.
www.eligibilitycenter.org

Core Course Requirement:
Complete 16 core courses in the following areas:
• 4 years of English
• 3 years of math (Algebra I or higher)
• 2 years of natural/physical science (1 year of lab if offered)
• 1 year of additional English, math or natural/physical science
• 2 years of social science
• 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

Full Qualifier
- Complete 16 core courses
- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school
- Seven of the 10 core courses must be in English, math or science
- Earn a core-course GPA of at least 2.300
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see below)
- Graduate high school

Academic Redshirt
- Complete 16 core courses
- Earn a core-course GPA of at least 2.000
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see below)
- Graduate high school

NCAA DIVISION I
CORE GRADE-POINT AVERAGE/TEST-SCORE SLIDING SCALE B
NEW CORE GPA/TEST SCORE INDEX

<table>
<thead>
<tr>
<th>Core GPA</th>
<th>Minimum SAT (combined verbal &amp; math)</th>
<th>Minimum Core GPA ACT (sum of scores)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.550 &amp; above</td>
<td>400</td>
<td>37</td>
</tr>
<tr>
<td>3.500</td>
<td>430</td>
<td>39</td>
</tr>
<tr>
<td>3.350</td>
<td>520</td>
<td>43</td>
</tr>
<tr>
<td>3.250</td>
<td>530</td>
<td>46</td>
</tr>
<tr>
<td>3.000</td>
<td>720</td>
<td>52</td>
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<tr>
<td>2.950</td>
<td>740</td>
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<td>2.900</td>
<td>750</td>
<td>54</td>
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<td>2.850</td>
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<td>2.750</td>
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<td>2.725</td>
<td>820</td>
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<td>2.600</td>
<td>860</td>
<td>64</td>
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<td>2.500</td>
<td>900</td>
<td>68</td>
</tr>
<tr>
<td>2.400</td>
<td>940</td>
<td>71</td>
</tr>
<tr>
<td>2.300</td>
<td>980</td>
<td>75</td>
</tr>
</tbody>
</table>

Note: Edgenuity courses, offered through The Learning Center, do not count toward the 16 NCAA core courses.

DIVISION I

Full Qualifier: College-bound student-athletes may practice, compete and receive athletic scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt: College-bound student-athletes may receive athletic scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier: College-bound student-athletes cannot practice, receive athletic scholarships or compete during their first year of enrollment at an NCAA Division I school.
NCAA Division II- Eligibility Requirements

**Core Courses:** (16)
A) Beginning August 1, 2018, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement. See chart below.

**Test Scores**
A) Beginning August 1, 2018, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). See scale below.
B) The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used.
C) The ACT score used for NCAA purposes is a sum of the following four sections: English, mathematics, reading and science.
D) When you register for the SAT or ACT use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.

**Grade Point Average**
A) Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website (www.eligibility.org). Only courses that appear on your school’s approved list of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
B) The Division II core GPA required to be eligible for competition on or after August 1, 2018 is 2.200 (corresponding test-score requirements are listed on the Division II Competition Sliding Scale).
C) The minimum Division II core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018 is 2.000 (corresponding test-score requirements are listed on the Division II Partial Qualifier Sliding Scale).
D) Remember, the NCAA core GPA is calculated using NCAA core courses only.

<table>
<thead>
<tr>
<th>Core GPA</th>
<th>Minimum SAT (combined verbal &amp; math)</th>
<th>Minimum ACT (sum of scores)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.300 &amp; above</td>
<td>400</td>
<td>37</td>
</tr>
<tr>
<td>3.250</td>
<td>430</td>
<td>39</td>
</tr>
<tr>
<td>3.000</td>
<td>580</td>
<td>46</td>
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<tr>
<td>2.850</td>
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<td>2.750</td>
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<td>2.500</td>
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<td>2.425</td>
<td>840</td>
<td>61</td>
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<tr>
<td>2.350</td>
<td>860</td>
<td>64</td>
</tr>
<tr>
<td>2.250</td>
<td>900</td>
<td>68</td>
</tr>
<tr>
<td>2.200</td>
<td>920</td>
<td>70 &amp; above</td>
</tr>
</tbody>
</table>

A complete sliding scale is available on the NCAA’s Web site: www.eligibilitycenter.org

Note: Edgenuity courses, offered through The Learning Center, do not count toward the 16 NCAA core courses.

**DIVISION II**
**16 Core Courses**
- 3 years of English
- 2 years of math (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 3 years of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)
Earning College Credit

Juniors and Seniors at HHS may earn college credit by:

- successfully completing examination requirements at the end of AP courses offered on the high school campus.
- successfully completing concurrent credit university courses offered through Fort Hays State University, Barton Community College or North Central Kansas Technical College on the high school campus.
- successfully completing university courses on the Fort Hays State University or the NCK Tech campuses with the expressed permission of parents and school. (Only seniors have this option.)

NOTE:
1) Students must be accepted to FHSU, NCK Tech (or other accredited institutions) according to guidelines for enrollment and:
   - be a student in good standing at HHS.
   - have the written approval of an HHS official.
2) Students may block out only one class period per day for each FHSU or NCK Tech course taken on campus.
3) Credit will be awarded at a rate of 1 credit per 5-hour course and 0.5 credit per 3-hour course. It is the student’s responsibility to provide the Hays High Registrar with proof of final grades from FHSU or NCK Tech classes if they wish to have the credits reflected on their HHS transcript.
4) Students participating in advanced studies (university or technical school) during the school day will be under the direct supervision of their school counselor.
5) Students attending FHSU or NCK Tech during the day are required to complete class attendance rosters. Rosters must be turned into the Counseling Office by required dates.

ADVANCED PLACEMENT COURSES

Advanced Placement courses are designed to provide high school students with more complex and rigorous academic content comparable to the demands of college level course work. The program also provides opportunity to earn college credit or its equivalent through the AP testing program. At the conclusion of each advanced placement study, students are expected to take the corresponding advanced placement examination of the College Entrance Examination Board. Fees for the examination are the responsibility of each student. Although not all colleges and universities grant credit for qualifying grades on advanced placement examinations, over 400 institutions do grant credit.

*Since much greater demands are placed on those students who participate in AP courses, enrollment will be screened.*

CORRESPONDENCE/ONLINE VIRTUAL COURSES

Any course taken by correspondence for high school credit must have the approval of the principal prior to enrollment in the course. Correspondence courses may not be used to replace a required course unless and until all resources within the school curriculum have been exhausted.

All expenses associated with independent study courses are the responsibility of the student.

TESTING OUT

College Level Examination Program tests are available to students. Please see Board of Education policy handbook for more information.
Earning Concurrent College Credit
BCC/FHSU/NCK Tech
Eligibility Requirements

All Juniors and Seniors desiring concurrent credit must meet eligibility requirements due to a directive of the Kansas Board of Regents.

The student eligibility requirements for FHSU concurrent credit courses are as follows:

1) To enroll in MATH 110, College Algebra, a student must meet one of the following criteria:
   a) ACT math and science subtest total of at least 40 with neither score below 18
   b) Have a score of at least 15 on the FHSU math placement exam.
2) To enroll in any other FHSU concurrent enrollment class, a student must meet one of the following criteria:
   a) ACT composite score of at least 21
   b) PSAT Selection Index of at least 150
   c) SAT combined verbal and mathematical score of at least 1000
   d) STAR Reading score of at least 50th percentile

The student eligibility requirements for BCC and NCK Tech concurrent credit courses are as follows:
A test is not required for students to enroll in BCC or NCK Tech concurrent credit courses. However, students should not enroll in Concurrent Credit unless they have a minimum core grade point average of at least a “C”.

Enrollment Dates
The official FHSU, BCC and NCK Tech enrollment for tuition payment and book fees for concurrent courses will be held at Hays High in August and January for the fall and spring courses respectively.

Books for Class
Students will need to purchase any required books for the concurrent credit courses.

Transfer of Concurrent Credit
To be certain that credits will transfer to the college or university where you plan to obtain your degree, check with your chosen college/university.

Concurrent Enrollment Courses at Hays High School 2019-2020
NCK Tech College

<table>
<thead>
<tr>
<th>HHS Course Title</th>
<th>NCK Course Title</th>
<th>NCK Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociology</td>
<td>SOC - 135 Introduction to Sociology</td>
<td>3</td>
</tr>
</tbody>
</table>

NCK Tech Concurrent Credit Cost
The cost of the courses, which will be revised by NCK annually, was $109.00 per credit hour in 2018-19. Students will need to purchase any required books for the concurrent credit courses.

Additionally there will be a one time application fee of $50 if the student has not already applied for admission to NCK Tech.
**Concurrent Enrollment Courses at Hays High School 2019-2020**

**Fort Hays State University**

(You must meet eligibility requirements with either your ACT, PSAT or STAR score)

<table>
<thead>
<tr>
<th>HHS Course Title</th>
<th>FHSU Course Title</th>
<th>FHSU Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP English IV</td>
<td>ENG 101 - English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>AP English IV</td>
<td>ENG 125 - World Literature and the Human Experience</td>
<td>3</td>
</tr>
<tr>
<td>Psychology</td>
<td>PSY 100 - General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Advanced Physics</td>
<td>PHYS 104 - Conceptual Physics</td>
<td>3</td>
</tr>
<tr>
<td>Chemistry II Honors</td>
<td>CHEM 112/112L - General Chemistry/Lab</td>
<td>3</td>
</tr>
<tr>
<td>Human Biology</td>
<td>BIOL 100 - Human Biology</td>
<td>3</td>
</tr>
<tr>
<td>Human Biology</td>
<td>BIOL 102 - Laboratory Experiences in Biology</td>
<td>1</td>
</tr>
<tr>
<td>Calculus Methods/Fall</td>
<td>MATH 130 VA - PreCalculus Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>Calculus Methods/Spring</td>
<td>MATH 331 - Calculus Methods</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Leadership Studies</td>
<td>LDRS 120 - Issues in Leadership: Intro to Leadership Concepts</td>
<td>3</td>
</tr>
<tr>
<td>Animal Science</td>
<td>AGRI 111 - Animal Science</td>
<td>3</td>
</tr>
<tr>
<td>Plant &amp; Soil Science</td>
<td>AGRI 112 - Agronomic Crop Science</td>
<td>3</td>
</tr>
<tr>
<td>Plant &amp; Soil Science</td>
<td>AGRI 112L - Agronomic Crop Science Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

**The courses listed below are required to be taken for college credit and may not be taken for high school credit only.**

<table>
<thead>
<tr>
<th>HHS Course Title</th>
<th>BCC Course Title</th>
<th>BCC Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish III</td>
<td>LANG 1908 - Elementary Spanish I</td>
<td>5</td>
</tr>
<tr>
<td>Spanish IV</td>
<td>LANG 1910 - Elementary Spanish II</td>
<td>5</td>
</tr>
<tr>
<td>American History</td>
<td>HIST 1402 - Am History 1877 To Present</td>
<td>3</td>
</tr>
<tr>
<td>AP U.S. Government</td>
<td>POLS 1800 - Government of the United States</td>
<td>3</td>
</tr>
<tr>
<td>AP U.S. History (Fall)</td>
<td>HIST 1400 - Am History To 1877</td>
<td>3</td>
</tr>
<tr>
<td>AP U.S. History (Spring)</td>
<td>HIST 1402 - Am History 1877 To Present</td>
<td>3</td>
</tr>
</tbody>
</table>

**FHSU Concurrent Credit Cost**

The cost of the courses, which will be revised by FHSU annually, was $218.67 per credit hour in 2018-2019. Additionally there will be a one time matriculation fee of $30 if the student has not already applied for admission to FHSU.

**PEACE Award**

In the past, FHSU has offered the Ellis County Partnership for Educational Assistance for Concurrent Enrollment Award (PEACE Award) of $45 per concurrent credit hour awarded after successful completion of a course, to be used toward another FHSU course within 12 months. The continuation of the PEACE Award Program is contingent on an annual review by FHSU Officials.

**Barton Community College**

<table>
<thead>
<tr>
<th>HHS Course Title</th>
<th>BCC Course Title</th>
<th>BCC Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spanish III</td>
<td>LANG 1908 - Elementary Spanish I</td>
<td>5</td>
</tr>
<tr>
<td>Spanish IV</td>
<td>LANG 1910 - Elementary Spanish II</td>
<td>5</td>
</tr>
<tr>
<td>American History</td>
<td>HIST 1402 - Am History 1877 To Present</td>
<td>3</td>
</tr>
<tr>
<td>AP U.S. Government</td>
<td>POLS 1800 - Government of the United States</td>
<td>3</td>
</tr>
<tr>
<td>AP U.S. History (Fall)</td>
<td>HIST 1400 - Am History To 1877</td>
<td>3</td>
</tr>
<tr>
<td>AP U.S. History (Spring)</td>
<td>HIST 1402 - Am History 1877 To Present</td>
<td>3</td>
</tr>
</tbody>
</table>

**BOOST Scholarship**

BCC offers the Barton Community College Boost Scholarship. Students who receive free or reduced lunches qualify for this scholarship. This scholarship allows qualifying students to take up to 6 credit hours of classes per semester tuition free. However students must purchase their own books. See your counselor for more details.

**BCC Concurrent Credit Cost**

The cost of the courses, which will be revised by BCC annually, was $112.00 per credit hour in 2018-2019. Students will need to purchase any required books for the concurrent credit courses.
The purpose of this career planner is to help you as a student make decisions regarding your future as a successful and productive citizen. Colleges, technical schools, and the workplace of the 21st century prefer students who have pursued a long term sequential course of study as opposed to a smorgasbord sampling of subjects. It is the intention of this section to encourage students to:

* Not take an elective course only because someone tells you that you need it.
* Not take an elective just because a friend is taking it.
* Not choose an elective because you think it will be an easy credit.
* Make your elective choices based upon your career goals, your interests and your needs as a student.

If after reading through this curriculum guide, you have trouble deciding what to take, consult your seminar teacher or counselor for help in making that decision.

Career planning provides students and their parents with a method of preparation for further education beyond high school and for a meaningful career. This planning guide incorporates the combined value of academic and technical course work, opportunities for students to shadow workers on the job site, experience the value of their education through school to career activities in the community and develop an understanding of the need for lifelong learning.

Career planning at Hays High will provide each student an opportunity to include course work that prepares them to:
1) Enter directly into the workforce.
2) Continue education focused on technical school or community college.
3) Pursue advanced study at a college or university.
Career Tech Ed Pathways

Hays High School currently offers nine career pathways. We encourage students to look at their Career Cruising inventory to help them select pathway classes. It is recommended that students look at pathways that connect to their top two career clusters in the student inventory from Career Cruising.

### Arts, A/V and Communication Career Cluster

**Digital Media Pathway**

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Applications</td>
<td>Introductory</td>
</tr>
<tr>
<td>Business Essentials</td>
<td>Introductory</td>
</tr>
<tr>
<td>21st Century Journalism</td>
<td>Technical</td>
</tr>
<tr>
<td>Audio/Video Production Fundamentals</td>
<td>Technical</td>
</tr>
<tr>
<td>Photo Imaging</td>
<td>Technical</td>
</tr>
<tr>
<td>Applied Graphic Design</td>
<td>Technical</td>
</tr>
<tr>
<td>Digital Media Technology</td>
<td>Technical</td>
</tr>
<tr>
<td>Video Production</td>
<td></td>
</tr>
<tr>
<td>Digital Media Design &amp; Prod</td>
<td>Application</td>
</tr>
<tr>
<td>Digital Media Project Management</td>
<td>Application</td>
</tr>
</tbody>
</table>

### Information Technology Career Cluster

**Web and Digital Communications Pathway**

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Applications</td>
<td>Introductory</td>
</tr>
<tr>
<td>Web Page Design</td>
<td>Technical</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>Technical</td>
</tr>
<tr>
<td>Computer Graphics</td>
<td>Technical</td>
</tr>
<tr>
<td>Emerging Technologies</td>
<td>Application</td>
</tr>
<tr>
<td>Game Design &amp; Authoring for the Web</td>
<td>Application</td>
</tr>
</tbody>
</table>

### Agriculture, Food & Natural Resources Career Cluster

**Comprehensive Agricultural Science (Agriscience) Pathway**

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Agriculture</td>
<td>Introductory</td>
</tr>
<tr>
<td>Horticulture</td>
<td>Technical</td>
</tr>
<tr>
<td>Plant and Soil Science</td>
<td>Technical</td>
</tr>
<tr>
<td>Animal Science</td>
<td>Technical</td>
</tr>
<tr>
<td>Research in Agriculture Science</td>
<td>Application</td>
</tr>
</tbody>
</table>

### Finance Career Cluster

**Business Finance Pathway**

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Essentials</td>
<td>Introductory</td>
</tr>
<tr>
<td>Business Economics</td>
<td>Technical</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>Technical</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>Technical</td>
</tr>
<tr>
<td>Accounting</td>
<td>Technical</td>
</tr>
<tr>
<td>Advanced Accounting</td>
<td>Application</td>
</tr>
</tbody>
</table>
# Career Tech Ed Pathways

## Marketing Career Cluster
### Marketing Pathway

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Essentials</td>
<td>Introductory</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>Technical</td>
</tr>
<tr>
<td>Business Economics</td>
<td>Technical</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>Technical</td>
</tr>
<tr>
<td>Marketing Applications</td>
<td>Application</td>
</tr>
</tbody>
</table>

## Architecture & Construction Career Cluster
### Construction Strand

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Applications</td>
<td>Introductory</td>
</tr>
<tr>
<td>Woodworking Fundamentals</td>
<td>Technical</td>
</tr>
<tr>
<td>Production Woodworking Tech I</td>
<td>Technical</td>
</tr>
<tr>
<td>Production Woodworking Tech II</td>
<td>Application</td>
</tr>
<tr>
<td>Production Woodworking Tech III</td>
<td>Application</td>
</tr>
</tbody>
</table>

### Design Strand

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Applications</td>
<td>Introductory</td>
</tr>
<tr>
<td>AutoCAD I</td>
<td>Technical</td>
</tr>
<tr>
<td>AutoCAD II</td>
<td>Technical</td>
</tr>
<tr>
<td>Architectural Design I</td>
<td>Technical</td>
</tr>
<tr>
<td>Architectural Design II</td>
<td>Technical</td>
</tr>
<tr>
<td>Research &amp; Design</td>
<td>Application</td>
</tr>
</tbody>
</table>

## Manufacturing Career Cluster
### Production Pathway

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Applications</td>
<td>Introductory</td>
</tr>
<tr>
<td>Intro to Metals</td>
<td>Technical</td>
</tr>
<tr>
<td>Production Welding Processes IA</td>
<td>Application</td>
</tr>
<tr>
<td>Production Welding Processes IB</td>
<td>Application</td>
</tr>
<tr>
<td>Production Welding Processes IIA</td>
<td>Application</td>
</tr>
<tr>
<td>Production Welding Processes IIB</td>
<td>Application</td>
</tr>
<tr>
<td>AutoCAD I</td>
<td>Technical</td>
</tr>
<tr>
<td>AutoCAD II</td>
<td>Technical</td>
</tr>
</tbody>
</table>

## Hospitality and Tourism Career Cluster
### Restaurant and Event Management Pathway

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Management</td>
<td>Introductory</td>
</tr>
<tr>
<td>Culinary Arts I</td>
<td>Technical</td>
</tr>
<tr>
<td>Culinary Essentials</td>
<td>Technical</td>
</tr>
<tr>
<td>Helping Hands</td>
<td>Technical</td>
</tr>
<tr>
<td>Event Plan &amp; Management</td>
<td>Technical</td>
</tr>
<tr>
<td>Community Connections</td>
<td>Application</td>
</tr>
<tr>
<td>Culinary Applications</td>
<td>Application</td>
</tr>
</tbody>
</table>

## Human Services Career Cluster
### Family, Community and Consumer Services Pathway

<table>
<thead>
<tr>
<th>HHS Course</th>
<th>Level of Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Management</td>
<td>Introductory</td>
</tr>
<tr>
<td>Family Studies</td>
<td>Technical</td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td>Technical</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>Technical</td>
</tr>
<tr>
<td>Nutrition and Healthy Eating</td>
<td>Technical</td>
</tr>
<tr>
<td>Culinary Essentials</td>
<td>Technical</td>
</tr>
<tr>
<td>Career Connections</td>
<td>Application</td>
</tr>
</tbody>
</table>
Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you like to be physically active? Do you like to observe, learn, investigate or solve problems? This may be a career path you might wish to explore.


**Sample Agriculture/Natural Sciences Occupations**

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Post Secondary 1–2</th>
<th>College Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture Grader/Sorter</td>
<td>Ag. Chemical Applicator</td>
<td>Agriculturist/Food Specialist</td>
</tr>
<tr>
<td>Agricultural Supervisor</td>
<td>Biochemistry Technologist</td>
<td>Agronomic</td>
</tr>
<tr>
<td>Animal Caretaker</td>
<td>Biological/Ag Technologist</td>
<td>Anatomist</td>
</tr>
<tr>
<td>Farm Machinery Operator</td>
<td>Chemical Applicator</td>
<td>Animal Scientist</td>
</tr>
<tr>
<td>Farm Worker/Rancher</td>
<td>Chemical Technologist</td>
<td>Anthropologist</td>
</tr>
<tr>
<td>Fish Hatchery Worker</td>
<td>Crop Scouter</td>
<td>Archeologist</td>
</tr>
<tr>
<td>Gardener/Groundskeeper</td>
<td>Farmer</td>
<td>Biological Scientist</td>
</tr>
<tr>
<td>Hunter/Trapper</td>
<td>Floral Designer</td>
<td>Biomedical Engineer</td>
</tr>
<tr>
<td>Inspector of Ag Products</td>
<td>Histologic Technician</td>
<td>Chemist</td>
</tr>
<tr>
<td>Kennel Operator</td>
<td>Landscape Designer</td>
<td>Environmental Analyst</td>
</tr>
<tr>
<td>Livestock Worker</td>
<td>Medical Laboratory Tech</td>
<td>Forester/Conservation Scientist</td>
</tr>
<tr>
<td>Nursery Worker</td>
<td>Metallurgical Technician</td>
<td>Geneticist</td>
</tr>
<tr>
<td>Tree Surgeons Assistant</td>
<td>Nuclear Technologist</td>
<td>Geographer/Range Manager</td>
</tr>
<tr>
<td>Water Treatment Plant Operator</td>
<td>Nursery Manager</td>
<td>Geologist/Geophysicist</td>
</tr>
<tr>
<td>Soil Conservationist</td>
<td>Oceanographer Assistant</td>
<td>Medical Scientist</td>
</tr>
<tr>
<td></td>
<td>Meteorologist</td>
<td>Weather Observer</td>
</tr>
<tr>
<td></td>
<td>Fish/Game Warden</td>
<td>Veterinarian</td>
</tr>
<tr>
<td></td>
<td>Veterinary Technician</td>
<td>Marine Biologist</td>
</tr>
</tbody>
</table>

**Hays High Program Sequences: Agricultural Science/Research**

These programs are available to those high school students choosing to follow a specific path of interest within this career field. Worksite, career mentorship, entrepreneurship opportunities and other extended learning opportunities could be a part of this path.

<table>
<thead>
<tr>
<th>Pre-Vet/Animal Economics</th>
<th>Horticulture/Plant &amp; Soil Science</th>
<th>Ag Research/Ag Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Agriculture</td>
<td>Horticulture</td>
<td>Introduction to Agriculture</td>
</tr>
<tr>
<td>Animal Science</td>
<td>Plant and Soil Science</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Research in Agricultural Science</td>
<td>Research in Agricultural Science</td>
<td>Plant and Soil Science</td>
</tr>
<tr>
<td>Career Exploration</td>
<td>Career Exploration</td>
<td>Research in Agricultural Science</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Career Exploration</td>
</tr>
</tbody>
</table>

**Suggested Electives:** Choose courses that fit your individual interests.

Business/Marketing/Accounting

Do you enjoy being a leader, organizing people, planning activities for others and planning and talking with people? Do you like to work with numbers and ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like the challenges of the computer industry? This may be a career path you might wish to explore.


Sample Business/Marketing/Accounting Occupations

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Sample Business/Marketing/Accounting Occupations Continued</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank Teller</td>
<td>Credit/Loan Clerk</td>
</tr>
<tr>
<td>Billing/Payroll Clerk</td>
<td>Data Entry Clerk</td>
</tr>
<tr>
<td>Cashier/Receptionist</td>
<td>File Clerk</td>
</tr>
<tr>
<td>Court Clerk</td>
<td>Personnel Clerk</td>
</tr>
<tr>
<td>Real Estate Clerk/Appraiser</td>
<td>Telemarketing</td>
</tr>
<tr>
<td>Salesperson</td>
<td>Dispatcher</td>
</tr>
<tr>
<td>Customer Service</td>
<td>Word Processing Specialist</td>
</tr>
<tr>
<td>Secretary</td>
<td>Stenographer</td>
</tr>
</tbody>
</table>

Sample Business/Marketing/Accounting Occupations Continued

<table>
<thead>
<tr>
<th>Post-Secondary 1-2</th>
</tr>
</thead>
</table>

| Court Reporter/Credit Analyst | Insurance Claims |
| Data Communications/Analyst | Network Administrator |
| Hotel Manager | Medical Secretary |
| Medical Records Technician | Administrative Assistant |
| Paralegal/Legal Assistant | Title Examiner |
| Sales/Wholesale Manager | Data Base Manager |
| Computer Operator | Computer Programmer |
| Computer Technician | Travel Agent |
| Budget Analyst | Personnel Manager |
| Computer Systems Analyst | Medical Records Administrator |
| Statistician/Mathematician | Bank Trust Officer |
| Stockbroker | Teacher |
| Technology Director | Computer Engineer |
| Underwriter | Auditor |
| Financial Manager | Marketing Director |
| Loan Officer/Counselor | Accountant |

Hays High Program Sequences: Business/Marketing/Accounting

These programs are available to those high school students choosing to follow a specific path of interest within this career field. Worksite, career mentorship, entrepreneurship opportunities and other extended learning opportunities could be a part of this path.

<table>
<thead>
<tr>
<th>Business/Office Tech</th>
<th>Marketing/Management</th>
<th>Accounting Tech</th>
<th>Desktop Publishing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrepreneurship</td>
<td>Business Economics</td>
<td>Business Economics</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Computer Applications</td>
<td>Entrepreneurship</td>
<td>Computer Applications</td>
<td>Computer Applications</td>
</tr>
<tr>
<td>Emerging Technologies</td>
<td>Computer Applications</td>
<td>Emerging Technologies (optional)</td>
<td>Emerging Technologies</td>
</tr>
<tr>
<td>Accounting</td>
<td>Principles of Marketing</td>
<td>Accounting</td>
<td>Project Management</td>
</tr>
<tr>
<td></td>
<td>Marketing Applications</td>
<td>Advanced Accounting</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Personal Finance</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Web Page/Multi-Media</th>
<th>Computer Programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Essentials</td>
<td>Business Essentials</td>
</tr>
<tr>
<td>Entrepreneurship</td>
<td>Entrepreneurship</td>
</tr>
<tr>
<td>Computer Applications</td>
<td>Computer Applications</td>
</tr>
<tr>
<td>Emerging Technologies</td>
<td>Emerging Technologies</td>
</tr>
<tr>
<td>Game Design and Authoring for the Web</td>
<td>Game Design and Authoring for the Web</td>
</tr>
<tr>
<td>Webpage Design</td>
<td></td>
</tr>
</tbody>
</table>

Suggested Electives: Choose courses that fit your individual interests.

Are you a creative thinker? Are you imaginative, innovative and original? Do you like to communicate ideas, work with audio, video, visual, graphic or written media arts? Do you actively seek opportunities for self-expression? This may be a career path you might wish to explore.


Sample Fine Arts/Communications Occupations

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Post-Secondary 1-2</th>
<th>College Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advertising Assistant</td>
<td>Actor</td>
<td>Ambassador</td>
</tr>
<tr>
<td>Audio-Visual Specialist</td>
<td>Artist</td>
<td>Composer</td>
</tr>
<tr>
<td>Engraver</td>
<td>Choreographer</td>
<td>Drama Critic</td>
</tr>
<tr>
<td>Foreign Language Blogger</td>
<td>Communications Technician</td>
<td>Event Promoter</td>
</tr>
<tr>
<td>Makeup Artist</td>
<td>Corporate Customer Service Lang. Specialist</td>
<td>Foreign Language Intelligence Specialist - FBI, CIA, Homeland Security</td>
</tr>
<tr>
<td>Model</td>
<td>Dancer</td>
<td>Foreign Language Teacher</td>
</tr>
<tr>
<td>Movie and TV Camera Operator</td>
<td>Designer</td>
<td>Graphic Designer</td>
</tr>
<tr>
<td>Musician</td>
<td>Electronic Pagination Systems</td>
<td>Interior Designer</td>
</tr>
<tr>
<td>Photographer</td>
<td>Fashion Designer</td>
<td>Multimedia Director</td>
</tr>
<tr>
<td>Precision Lithographer</td>
<td>Film Editor</td>
<td>Museum Curator</td>
</tr>
<tr>
<td>Precision Photoengraver</td>
<td>Graphic/Commercial Artist</td>
<td>Music Director</td>
</tr>
<tr>
<td>Professional Storyteller</td>
<td>Historian</td>
<td>Music Therapist</td>
</tr>
<tr>
<td>Set Builder</td>
<td>Interpreter</td>
<td>Teacher</td>
</tr>
<tr>
<td>Song Writer</td>
<td>Jewelry/Silversmith</td>
<td>Photojournalist</td>
</tr>
<tr>
<td>Stunt Person</td>
<td>Lighting Director</td>
<td>Playwright</td>
</tr>
<tr>
<td>Stage Manager</td>
<td>Military Linguist</td>
<td>Talent Agent</td>
</tr>
<tr>
<td>Tour Guide</td>
<td>Newscaster</td>
<td>Writer</td>
</tr>
<tr>
<td></td>
<td>Radio/TV Announcer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Translator</td>
<td></td>
</tr>
</tbody>
</table>

Hays High Program Sequences: Fine Arts/Communications

These programs are available to those high school students choosing to follow a specific path of interest with this career field. Work site opportunities, career mentorship opportunities, entrepreneurship opportunities and other extended learning opportunities could be a part of this path.

<table>
<thead>
<tr>
<th>Journalism</th>
<th>Graphics Design</th>
<th>TV/Radio/Video</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Applications</td>
<td>Computer Applications</td>
<td>Computer Applications</td>
</tr>
<tr>
<td>21st Century Journalism</td>
<td>Art Exploration</td>
<td>Audio Video Production Fundamentals</td>
</tr>
<tr>
<td>Digital Media Design &amp; Production</td>
<td>Drawing</td>
<td>Digital Media Technology</td>
</tr>
<tr>
<td>Applied Graphic Design</td>
<td>Computer Graphics</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graphic Design</td>
<td>Advanced Graphic Design</td>
</tr>
<tr>
<td></td>
<td>Advanced Graphic Design</td>
<td></td>
</tr>
</tbody>
</table>

Suggested Electives: Choose courses that fit your individual interests.

Engineering and Technology Education

Are you mechanically inclined and practical? Do you like to use your hands and build things? Are you curious about how things work? Are you able to analyze problems and to understand and pay close attention to standards? Do you like math and science? Do you enjoy drawing detailed plans or working with diagrams? This may be a career path you might wish to explore.


Sample Engineering/Technology Occupations

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Post-Secondary 1-2</th>
<th>College Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport Utility Worker</td>
<td>Aircraft Mechanic</td>
<td>Aerospace Engineer</td>
</tr>
<tr>
<td>Bookbinder</td>
<td>Auto Body Technician</td>
<td>Air Traffic Controller</td>
</tr>
<tr>
<td>Building Maintenance</td>
<td>Automobile/Diesel Mechanic</td>
<td>Airplane Pilot</td>
</tr>
<tr>
<td>Carpenter</td>
<td>Brickmason</td>
<td>Architect</td>
</tr>
<tr>
<td>Carpet Installer</td>
<td>Engineering Technician</td>
<td>Cartographer</td>
</tr>
<tr>
<td>Construction Worker</td>
<td>Chemical Engineer Technician</td>
<td>Chemical Engineer</td>
</tr>
<tr>
<td>Drywall Worker</td>
<td>Construction Manager</td>
<td>Civil Engineer</td>
</tr>
<tr>
<td>Earth Driller</td>
<td>Electrician</td>
<td>Computer Engineer</td>
</tr>
<tr>
<td>Glazier</td>
<td>Electronic Engineering Technician</td>
<td>Electrical Engineer</td>
</tr>
<tr>
<td>Highway Maintenance Worker</td>
<td>Industrial Engineering Technician</td>
<td>Industrial Engineer</td>
</tr>
<tr>
<td>Insulation Worker</td>
<td>Laser Technician</td>
<td>Marine Engineer</td>
</tr>
<tr>
<td>Machinist</td>
<td>Lineman</td>
<td>Mechanical Engineer</td>
</tr>
<tr>
<td>Engineer</td>
<td>Microelectronics Technician</td>
<td>Metallurgical Material</td>
</tr>
<tr>
<td>Radio Mechanic</td>
<td>Petroleum Technician</td>
<td>Nuclear Engineer</td>
</tr>
<tr>
<td>Roofer</td>
<td>Plumber</td>
<td>Petroleum Engineer</td>
</tr>
<tr>
<td>Service Station Attendant</td>
<td>Robotics Technician</td>
<td>Safety Engineer</td>
</tr>
<tr>
<td>Sheet Metal Worker</td>
<td>Screen Printing Operator</td>
<td>Space Operations Officer</td>
</tr>
<tr>
<td>Welder</td>
<td>Solar Energy Systems Designer</td>
<td>Technical Writer</td>
</tr>
<tr>
<td>Woodwork Machine Operator</td>
<td>Surveying Technician/Surveyor</td>
<td>Transportation Main Manager</td>
</tr>
</tbody>
</table>

Hays High Program Sequences: Engineering/Technology Education

These programs are available to those high school students choosing to follow a specific path of interest within this career field. Work site, career mentorship, entrepreneurship opportunities and other extended learning opportunities could be a part of a path.

**Auto Mechanics** (NCK)
- Auto Mechanics I
- Auto Mechanics II
- Electrical Technology I
- Electrical Technology II

**Welding**
- Introduction to Metals
- Technical Applications (required)
- Production Welding IA & IB
- Production Welding IIA & IIB
  \[(Auto CAD required for IB, IIA & IIB)\]

**Architecture**
- Technical Applications
- Auto CAD I
- Architectural Design I
- Architectural Design II
- Auto CAD II
- Research & Design

**Construction Technology**
- Woodworking Fundamentals
- Technical Applications (required)
- Production & Woodworking Tech I
- Production & Woodworking Tech II
- Production & Woodworking Tech III
- Architectural Design I (recommended)
  \[(Auto CAD recommended for II & III)\]

**Technical Drawing**
- Technical Applications
- Auto CAD I
- Architectural Design I
- Architectural Design II
- Auto CAD II
- Research & Design

Suggested Electives: Choose courses that fit your individual interests.
Family and Consumer Sciences

Human Services/Hospitality and Tourism

Do you enjoy working with people? Do you like to share ideas and information? Can you be flexible and adapt quickly as well as make quality judgments under stressful situations? Do you like working with diverse groups of people serving the public? Do you possess emotional stability and strong self-esteem? This may be a career path you might wish to explore.

Career Areas could include: Apparel/Fashions, Child Care, Counseling, Culinary Arts/Food Service, Education, Government/Civil Service/Public Service, Hospitality/Tourism/Travel, Law/Legal Services/Public Safety/Law Enforcement/Fire Fighting, Social and Family Services.

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Post-Secondary 1-2</th>
<th>College Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker</td>
<td>Catering Director</td>
<td>Adult Education Teacher</td>
</tr>
<tr>
<td>Waiter/Waitress/Host/Hostess</td>
<td>Chef</td>
<td>Anthropologist</td>
</tr>
<tr>
<td>Bus/Taxi Driver/Chauffeur</td>
<td>Employment Interviewer</td>
<td>Archivist/Curator</td>
</tr>
<tr>
<td>Butcher</td>
<td>Flight Attendant</td>
<td>Personnel Manager</td>
</tr>
<tr>
<td>Child Care/Social Worker</td>
<td>Foods/Beverage Service</td>
<td>Political Scientist</td>
</tr>
<tr>
<td>Cook/Short Order/Fast Food</td>
<td>Hairdresser/Cosmetologist</td>
<td>Teacher/Principal</td>
</tr>
<tr>
<td>Corrections Officer</td>
<td>Social Director</td>
<td>Psychologist/Sociologist</td>
</tr>
<tr>
<td>Counter Clerk</td>
<td>Social Service Technician</td>
<td>Public Relations Manager</td>
</tr>
<tr>
<td>Customer Service Representative</td>
<td>Teacher Aide</td>
<td>Interior Designer</td>
</tr>
<tr>
<td>Fire Fighter</td>
<td>Dietetic Aide</td>
<td>School/Career Counselor</td>
</tr>
<tr>
<td>Funeral Attendant</td>
<td>Legal Assistant</td>
<td>Social Worker</td>
</tr>
<tr>
<td>Information Clerk</td>
<td>Commercial Truck Driver</td>
<td>Highway Patrolman</td>
</tr>
<tr>
<td>Library Assistant</td>
<td>Railroad Operator</td>
<td>Textile Designer</td>
</tr>
<tr>
<td>Maid/Housekeeping</td>
<td>Child Care Giver</td>
<td>Attache (Military Officer)</td>
</tr>
<tr>
<td>Police Patrol Officer/Sheriff</td>
<td>Barber</td>
<td>College Administrator/Faculty</td>
</tr>
<tr>
<td>Animal Caretaker</td>
<td>Industrial Seamstress</td>
<td></td>
</tr>
</tbody>
</table>

Hays High Program Sequences: Human Services/Hospitality and Tourism

These programs are available to Hays High Students choosing to follow a specific path of interest within this career field. Work site, mentorship, entrepreneurship opportunities and other extended learning opportunities could be a part of this path.

<table>
<thead>
<tr>
<th>Child Care/Early Childhood</th>
<th>Foods/Culinary Arts</th>
<th>Hospitality and Tourism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Management</td>
<td>Personal Finance</td>
<td>Life Management</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>Culinary Arts I</td>
<td>Personal Finance</td>
</tr>
<tr>
<td>Culinary Arts I</td>
<td>Culinary Essentials</td>
<td>Computer Applications</td>
</tr>
<tr>
<td>Culinary Essentials</td>
<td>Nutrition and Healthy Eating</td>
<td>Culinary Arts I</td>
</tr>
<tr>
<td>Nutrition and Healthy Eating</td>
<td>Career Exploration</td>
<td>Culinary Applications</td>
</tr>
<tr>
<td>Family Studies</td>
<td></td>
<td>Community Connections</td>
</tr>
<tr>
<td>Human Growth &amp; Development</td>
<td></td>
<td>Culinary Essentials</td>
</tr>
<tr>
<td>Career Exploration</td>
<td></td>
<td>Event Plan &amp; Management</td>
</tr>
</tbody>
</table>

Suggested Electives: Choose courses that fit your individual interests.

Health Services

Do you like to care for people or animals who are in need or ill? Are you interested in new diseases and in how the body works? Do you enjoy observing patients and looking for changes in how they are doing? Are you friendly, open, outgoing, understanding and cooperative? Is it important to you to do something that makes things better for people? This may be a career path you might wish to explore.

Career areas include: Allied Health Services, Dental Health, Medicine/Physician, Physician Assistants, Occupational and Physical Therapy, Nursing.

Sample Health Service Occupations

<table>
<thead>
<tr>
<th>Entry Level</th>
<th>Post-Secondary 1-2</th>
<th>College Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home Health Aide</td>
<td>Cardiology Technologist</td>
<td>Athletic Trainer</td>
</tr>
<tr>
<td>Medical Assistant</td>
<td>Chemical Radiation Technician</td>
<td>Chiropractor</td>
</tr>
<tr>
<td>Orderly</td>
<td>Dental Hygienist</td>
<td>Dentist</td>
</tr>
<tr>
<td>Personal and Home Care Aide</td>
<td>Emergency Medical Technician</td>
<td>Dietitian/Nutritionist</td>
</tr>
<tr>
<td>Certified Nurse Aide</td>
<td>Licensed Practical Nurse</td>
<td>Occupational Therapist</td>
</tr>
<tr>
<td>Life Guard</td>
<td>Mortician</td>
<td>Pharmacist</td>
</tr>
<tr>
<td>Lab Technician</td>
<td>Occupational Therapy Assistant</td>
<td>Physician</td>
</tr>
<tr>
<td>Medical Records Transcriptionist</td>
<td>Physical Therapy Assistant</td>
<td>Physical Therapist</td>
</tr>
<tr>
<td>Phlebotomist</td>
<td>Psychiatric Technician</td>
<td>Psychologist</td>
</tr>
<tr>
<td>Respiratory Therapy Tech</td>
<td>Radiation Therapy Technician</td>
<td>Physicians Assistant</td>
</tr>
<tr>
<td></td>
<td>Surgical Technician</td>
<td>Registered Nurse</td>
</tr>
<tr>
<td></td>
<td>Veterinary Assistant</td>
<td>Nurse Practitioner</td>
</tr>
<tr>
<td></td>
<td>Medication Aide</td>
<td>Dermatologist</td>
</tr>
</tbody>
</table>

Career Exploration . . . Hays Medical Center/Local Medical Community

An option available to those pursuing college degree or certificated programs such as Radiology Tech, PT Tech, OT Tech, etc. in the medical field. Plans would need to be established and options approved through the medical community prior to the senior year.

Suggested Electives:

Choose those that fit your individual interests. Advanced courses are important for medical degrees.


Career Cruising

www.careercruising.com

Parents are the number one influence on a child’s education and career choices. Parents are encouraged to have their child log-in to their account through PowerSchool. HHS uses this site as a tool for students to explore their education and career options. This begins in the 8th grade with students taking the interest inventory. Results are explored and connections made between a potential career area and courses offered at HHS. Along with their school counselor, teachers’ and parents’ input, this website can assist students in making informed decisions when selecting their courses throughout high school. Additionally, utilizing Career Cruising, freshmen begin building their resumes with emphasis placed on school and community involvement. All students are encouraged to update their resume throughout the year. Different aspects of this program are explored throughout high school. Students will have access to their account for five years after they graduate by keeping their e-mail address current. Seniors should replace their school e-mail address with their personal e-mail address shortly before graduation.
**Kansas Board of Regents**

**Qualified Admissions Precollege Curriculum (QA)**

Students graduating from an accredited Kansas high school, under the age of 21, MUST;
- Complete the precollege or Kansas Scholars Curriculum with at least a 2.0 GPA; AND
- Achieve one of the following:
  - ACT score of 21 or higher; OR
  - SAT score of 980 or higher; OR
  - Graduate in the top one-third of their class; AND
- Achieve a 2.0 GPA or higher on any college credit taken in high school.

**For more details regarding Qualified Admissions see page 4 of this Course Career Guide.**

This is a “sample schedule” designed to meet minimum QA (Qualified Admissions). Elective credits may be taken in different orders than shown here. See your counselor for advice.

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Advanced Algebra I **</td>
<td>Advanced Geometry</td>
</tr>
<tr>
<td>Integrated Science</td>
<td>Biology</td>
</tr>
<tr>
<td>Social Studies Elective (1/2 cr.)</td>
<td>World History II (1/2 cr.)</td>
</tr>
<tr>
<td>Health (1/2 cr.)</td>
<td>Fine Arts Elective (1/2 cr.)</td>
</tr>
<tr>
<td>PE Elective (9, 10, 11 or 12) (1/2 cr.)</td>
<td></td>
</tr>
<tr>
<td>Fine Arts Elective (1/2 or 1 cr.)</td>
<td></td>
</tr>
</tbody>
</table>

**Required Curriculum for State Scholarship Consideration**

This is a “sample schedule”. Elective credits may be taken in different orders than shown here. See your counselor for advice.

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>English</td>
<td>English</td>
<td>English</td>
</tr>
<tr>
<td>Advanced Algebra I **</td>
<td>Advanced Geometry</td>
<td>Advanced Algebra II</td>
<td>Functions/Stats/Trig</td>
</tr>
<tr>
<td>Integrated Science</td>
<td>Biology</td>
<td>Chemistry I Honors *</td>
<td>Advanced Physics *</td>
</tr>
<tr>
<td>Social Studies Elective (1/2 cr.)</td>
<td>World History II (1/2 cr.)</td>
<td>American History</td>
<td>Government</td>
</tr>
<tr>
<td>Health (1/2 cr.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.E. Elective (9, 10, 11 or 12) (1/2 cr.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Foreign Language I</td>
<td>Foreign Language II</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**If qualified, may take higher levels of math to meet Regent Scholarship requirement.**

* Biology Honors, Chemistry I Honors, and Advanced Physics are required for the State Scholar’s Curriculum.
## Hays High School Four - Year Plan

### Freshman

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English I/English I Honors</td>
<td>1</td>
</tr>
<tr>
<td>Math</td>
<td>1</td>
</tr>
<tr>
<td>Integrated Science/Integrated Science Honors</td>
<td>1</td>
</tr>
<tr>
<td>Health &amp; Wellness</td>
<td>1/2</td>
</tr>
</tbody>
</table>

**Total** 7

### Sophomore

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English II/English II Honors</td>
<td>1</td>
</tr>
<tr>
<td>Math</td>
<td>1</td>
</tr>
<tr>
<td>Biology/Biology Honors</td>
<td>1</td>
</tr>
<tr>
<td>World History II</td>
<td>1/2</td>
</tr>
</tbody>
</table>

**Total** 7

### Junior

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English III/English III Honors</td>
<td>1</td>
</tr>
<tr>
<td>Math</td>
<td>1</td>
</tr>
<tr>
<td>Chemistry I/Chemistry I Honors</td>
<td>1</td>
</tr>
<tr>
<td>American History/AP</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total** 7

### Senior

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English IV/AP</td>
<td>1</td>
</tr>
<tr>
<td>Government/AP</td>
<td>1/2</td>
</tr>
<tr>
<td>Math (Recommended/Required)</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total** 7

### Required Subjects

- **English** (4 credits)
- **Social Science** (3 credits) - includes World History II, American History, and U.S. Government
- **Science** (3 credits)
- **Mathematics** (3 credits)
- **Physical Education** (1 credit) - 1/2 credit of Health and 1/2 credit of Activity
- **Practical Arts** (1 credit) - selected from Business, Agriculture, Technology Education, Technology Communications, Auto Mechanics, Electrical Technology and Helping Hands-Business
- **Fine Arts** (1 credit) - selected from Art, Foreign Language, Music, Language Arts and Technology Communications
- **Computer Technology** (1 credit)

### Upon graduation, my personal goals include:

- Attending a 4-year university
- Attending technical school/community college
- Working full-time
- Enlisting in the military

### My particular area of interest is: See pg. 11 - 19

- Agriculture/Natural Sciences
- Business/Marketing/Accounting
- Fine Arts & Communications
- Engineering & Technology Education
- Family & Consumer Sciences
- Health Services
# HHS Graduation Requirements

## Options for Meeting Graduation Requirements

Graduation requirements for high school students are established according to state statutes, the State Board of Education regulations, and the policy of the USD 489 Board of Education.

* Denotes a course that meets Qualified Admissions (QA) for admittance into Kansas Regents 4-year universities.

## Requirements and Credits

### English

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English I</td>
<td>1</td>
</tr>
<tr>
<td>Honors English I</td>
<td>1</td>
</tr>
<tr>
<td>English II</td>
<td>1</td>
</tr>
<tr>
<td>Honors English II</td>
<td>1</td>
</tr>
<tr>
<td>English III</td>
<td>1</td>
</tr>
<tr>
<td>Honors English III</td>
<td>1</td>
</tr>
<tr>
<td>English IV</td>
<td>1</td>
</tr>
<tr>
<td>AP English IV/Concurrent</td>
<td>1</td>
</tr>
</tbody>
</table>

### Social Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Economics</td>
<td>1</td>
</tr>
<tr>
<td>Current Issues I</td>
<td>1</td>
</tr>
<tr>
<td>Current Issues II</td>
<td>1</td>
</tr>
<tr>
<td>World Geography</td>
<td>1</td>
</tr>
<tr>
<td>Psychology</td>
<td>1</td>
</tr>
<tr>
<td>Sociology</td>
<td>1</td>
</tr>
<tr>
<td>World History II</td>
<td>1</td>
</tr>
<tr>
<td>American History</td>
<td>1</td>
</tr>
<tr>
<td>AP U.S. History</td>
<td>1</td>
</tr>
<tr>
<td>American Government</td>
<td>1</td>
</tr>
<tr>
<td>AP U.S. Government</td>
<td>1</td>
</tr>
<tr>
<td>Helping Hands - Social Studies</td>
<td>1</td>
</tr>
<tr>
<td>JAG-K (Jobs for America’s Graduates-Kansas)</td>
<td>1</td>
</tr>
</tbody>
</table>

### Fine Arts

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Language Arts Elective courses</td>
<td>1</td>
</tr>
<tr>
<td>All Art courses</td>
<td>1</td>
</tr>
<tr>
<td>All Foreign Language courses</td>
<td>1</td>
</tr>
<tr>
<td>All Music courses</td>
<td>1</td>
</tr>
<tr>
<td>All Technology Communications courses</td>
<td>1</td>
</tr>
</tbody>
</table>

### Computer Technology

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MicroComputing</td>
<td>1</td>
</tr>
<tr>
<td>Computer Applications</td>
<td>1</td>
</tr>
<tr>
<td>Emerging Technologies</td>
<td>1</td>
</tr>
<tr>
<td>Game Design and Authoring for the Web</td>
<td>1</td>
</tr>
<tr>
<td>Computer Graphics</td>
<td>1</td>
</tr>
<tr>
<td>Graphic Design</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Graphic Design</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Accounting (1 yr. = 1/2)</td>
<td>1</td>
</tr>
<tr>
<td>Intro to Computer Information Systems</td>
<td>1</td>
</tr>
<tr>
<td>Helping Hands (1 yr. = 1/2)</td>
<td>1</td>
</tr>
<tr>
<td>Applied Graphic Design</td>
<td>1</td>
</tr>
<tr>
<td>Digital Media Design and Production</td>
<td>1</td>
</tr>
<tr>
<td>Digital Media Project Management (1 yr. = 1/2)</td>
<td>1</td>
</tr>
<tr>
<td>21st Century Journalism</td>
<td>1</td>
</tr>
<tr>
<td>Photo Imaging</td>
<td>1</td>
</tr>
<tr>
<td>Marketing Applications (2 yrs. = 1/2)</td>
<td>1</td>
</tr>
<tr>
<td>AutoCAD I</td>
<td>1</td>
</tr>
<tr>
<td>AutoCAD II</td>
<td>1</td>
</tr>
<tr>
<td>Digital Media Technology (1/2)</td>
<td>1</td>
</tr>
<tr>
<td>Video Production</td>
<td>1</td>
</tr>
<tr>
<td>Auto Mechanics II (1 yr. = 1/2)</td>
<td>1</td>
</tr>
<tr>
<td>Architectural Design I (1/2)</td>
<td>1</td>
</tr>
<tr>
<td>Architectural Design II (1/2)</td>
<td>1</td>
</tr>
</tbody>
</table>

### Math

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>1</td>
</tr>
<tr>
<td>Geometry</td>
<td>1</td>
</tr>
<tr>
<td>Algebra II</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Algebra I</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Geometry</td>
<td>1</td>
</tr>
<tr>
<td>Advanced Algebra II</td>
<td>1</td>
</tr>
<tr>
<td>Functions/Statistics/Trigonometry</td>
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<td>Calculus Methods</td>
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<tr>
<td>FHSU MATH 110–College Algebra</td>
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<tr>
<td>FHSU MATH 250 - Elements of Statistics</td>
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<tr>
<td>Auto Mechanics (2 yrs. = 1/2)</td>
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### Physical Education & Health

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Health/Wellness</td>
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</tr>
<tr>
<td>Advanced Health/Wellness</td>
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</tr>
<tr>
<td>Strength &amp; Conditioning</td>
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<tr>
<td>Strength, Power &amp; Speed</td>
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<tr>
<td>Advanced Strength, Power &amp; Speed</td>
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<tr>
<td>Fitness/Aerobics</td>
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<tr>
<td>Physical Education Activities</td>
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<tr>
<td>Marching Band (4 yrs = 1/2)</td>
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### Science

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<tr>
<td>Biology</td>
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<td>Chemistry I Honors</td>
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<td>Chemistry II Honors</td>
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<td>Advanced Physics</td>
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<td>Adv. Field Biology</td>
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<td>Environmental Science</td>
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<td>Human Biology</td>
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<td>Scientific Research and Design</td>
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<td>Animal Science</td>
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<td>Plant/Soil Science</td>
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<td>Horticulture</td>
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<tr>
<td>Research In Agriculture Science</td>
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<td>Allied Health (1)</td>
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### Practical Arts

<table>
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<tr>
<td>All Business courses</td>
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<tr>
<td>All Agriscience courses</td>
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<tr>
<td>All Technology Education courses</td>
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<td>All Human Services courses</td>
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<td>All Technology Communications courses</td>
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<td>Auto Mechanics</td>
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<tr>
<td>Electrical Technology</td>
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<tr>
<td>Helping Hands - Business</td>
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</tbody>
</table>

HAYS HIGH SCHOOL • Page 22
Freshman Course Offerings
Required Courses For Freshman Year
(Choose one from each group)

ENGLISH
English I (1cr.)
Honors English I (1cr.)

SCIENCE
Integrated Science (1cr.)
Integrated Science Honors (1cr.)
(Concurrent enrollment in Adv. Geometry)

MATH
Algebra I (1cr.)
Advanced Algebra I (1cr.)
Advanced Geometry (1cr.)
(Concurrent enrollment in Integrated Science Honors)

HEALTH
Health/Wellness (1/2cr.)

Elective Courses For Freshman Year
* Denotes a class that requires prerequisites, see course description for details.
(Choose electives to equal 3.5 credits)

AGRISCIENCE
Introduction to Agriculture (1cr.)

ART
Art Exploration (1/2cr.)
(Prerequisite for all other art classes)
Art Exploration II (1/2 cr.)*
Drawing (1/2cr.)*
Painting (1/2cr.)*
Computer Graphics (1/2cr.)*

BUSINESS
Business Essentials (1/2cr.)
Entrepreneurship (1/2cr.)
MicroComputing (1/2cr.)
Computer Applications (1/2cr.)

ENGLISH/COMMUNICATIONS
Drama (1/2cr.)
Novice Debate (1/2cr.)
Forensics (1/2cr.)

MUSIC
Chorale (1cr.)
Marching & Concert Band (1cr.)*
Orchestra (1cr.)*

PE
Fitness/Aerobics (1/2cr.)
Physical Education Activities (1/2cr.)
Strength and Conditioning (1/2cr.)
Strength, Power & Speed (SPS) (1/2cr.)

SCIENCE
Environmental Science (1/2cr.)

SOCIAL SCIENCE
World Geography (1/2cr.)
Current Issues I (1/2cr.)

TECHNOLOGY COMMUNICATIONS
Audio Video Production Fundamentals (1/2cr.)
21st Century Journalism (1/2cr.)
Photo Imaging (1/2cr.)

TECHNOLOGY EDUCATION
Introduction to Metals (1/2cr.)
Technical Applications (1/2cr.)
(Prerequisite for AutoCAD I)
AutoCAD I (1/2cr.)*
Woodworking Fundamentals IA (1/2cr.)
Production Welding Processes IA (1/2cr.)*

FOREIGN LANGUAGES
German I (1cr.)
Spanish I (1cr.)
Heritage Spanish Speakers I (1cr.)*
Elementary Latin (1cr.)
ESL (1/2 - 1 cr.)

HUMAN SERVICES
Life Management (1/2cr.)
Culinary Arts I (1/2cr.)
HHS Course Offerings

* Denotes a class that requires prerequisites, see course description for details.

AGRISCIENCE-----------------------------pg. 26 - 27

Practical Arts
Introduction to Agriculture (1 cr.)
Animal Science (1 cr.)
Plant and Soil Science (1 cr.)
Research in Agriculture Science (1 cr.)*

FAMILY AND CONSUMER SCIENCES-------pg. 39 - 41

Practical Arts
Life Management (1/2 cr.)
Nutrition and Healthy Eating (1/2 cr.)*
Personal Finance (1/2 cr.)
Family Studies (1/2 cr.)
Human Growth and Development (1/2 cr.)
Career Connections (1/2 cr.)
Culinary Arts I (1/2 cr.)
Culinary Essentials (1/2 cr.)*
Helping Hands which includes:
  Event Plan & Management (1/2 cr.)
  Community Connections (1/2 cr.)
  Culinary Applications (1 cr.)

ART----------------------------pg. 27 - 29

Fine Arts
Art Exploration (1/2 cr.)
Art Exploration II (1/2 cr.)
Drawing (1/2 cr.)*
Painting (1/2 cr.)*
Jewelry/Metal Sculpture (1/2 cr.)*
Ceramics-Handbuilt (1/2 cr.)*
Ceramics-Wheel Thrown (1/2 cr.)*
Computer Graphics (1/2 cr.)*
Graphic Design (1/2 cr.)*
Advanced Graphic Design (1/2 cr.)*
Art Portfolio (1/2 cr.)*

BUSINESS-----------------------------pg. 30 - 33

Practical Arts
Business Essentials (1/2 cr.)
Entrepreneurship (1/2 cr.)
Accounting (1 cr.)
Advanced Accounting (1 cr.)*
Business Economics (1/2 cr.)
MicroComputing (1/2 cr.)
Computer Applications (1/2 cr.)
Emerging Technologies (1/2 cr.)*
Game Design and Authoring for the Web (1/2 cr.)*
Digital Media Project Management (1/2-1 cr.)*
  Computer Elective
Webpage Design (1/2-1 cr.)*
Principles of Marketing (DECA) (1 cr.)
Marketing Applications (DECA) (1 cr.)*
Intro to Computer Information Systems (1/2 cr.)*
  *required to take for Concurrent Credit
Intro to Leadership Studies (1/2 cr.)
Personal Finance (1/2 cr.)
Helping Hands (1 cr.)* (See Page 41 for course description)

ENGLISH--------------------------------------pg. 34 - 39

English I (1 cr.)
Honors English I (1 cr.)*
English II (1 cr.)*
Honors English II (1 cr.)*
English III (1 cr.)*
Honors English III (1 cr.)*
English IV (1 cr.)*
AP English IV/Concurrent (1 cr.)*
Drama (1/2 cr.)
Fundamentals of Oral Communication (1/2 cr.)*
  *required to take for Concurrent Credit
Novice Debate (1/2 cr.)
Advanced Debate (1/2 cr.)*
Forensics (1/2 cr.)*

MATH-------------------------------pg. 44 - 47

Algebra I (1 cr.)
Advanced Algebra I (1 cr.)
Geometry (1 cr.)*
Advanced Geometry (1 cr.)*
Algebra II (1 cr.)*
Advanced Algebra II (1 cr.)*
Functions/Statistics/Trigonometry - Fall (1/2 cr.)*
Functions/Statistics/Trigonometry (1 cr.)*
Calculus Methods (1 cr.)*
AP Calculus AB (1 cr.)*
FHSU-College Algebra - Fall (1/2 cr.)*
  *required to take for Concurrent Credit
FHSU-College Algebra - Spring (1/2 cr.)*
  *required to take for Concurrent Credit
FHSU-Elements of Statistics-Spring (1/2 cr.)*
  (not offered at this time)
HHS Course Offerings

MUSIC-----------------------------------------------pg. 47 - 48
Fine Arts
Marching & Concert Band (1cr.) *
Orchestra (1cr.) *
Chorale (1cr.)
Concert Choir (1cr.) *
Chamber Singers (1cr.) *

PE AND HEALTH-----------------------------------------pg. 49 - 50
Health/Wellness (1/2cr.)
Adv. Health/Wellness (1/2cr.) *
Fitness/Aerobics (1/2cr.)
Physical Education Activities (1/2cr.)
Strength and Conditioning (1/2cr.)
Strength, Power and Speed (1/2cr.)
Advanced Strength, Power and Speed (1/2 cr.)

SOCIAL SCIENCE---------------------------------------- pg. 54 - 56
World Geography (1/2cr.)
World History II (1/2cr.)
American History (1cr.)
AP U.S. History (1cr.)
Current Issues I (1/2cr.)
Current Issues II (1/2cr.)
Business Economics (1/2cr.)
Psychology (1/2cr.)
Sociology (1/2cr.)
American Government (1/2cr.)
AP U.S. Government (1/2cr.) *
Helping Hands (1cr.) (Page 41)
JAG-K (Jobs for America’s Graduates-Kansas)
(see page 68 for course description)

SCIENCE----------------------------------------------- pg. 51 - 54
Integrated Science (1cr.)
Integrated Science Honors (1cr.) *
Biology (1cr.)
Biology Honors (1cr.)
Chemistry I (1cr.)
Chemistry I Honors (1cr.) *
Chemistry II Honors (1cr.) *
Scientific Research and Design (1/2-1cr.)
Adv. Field Biology (1/2-1cr.) *
Environmental Science (1/2cr.)
Human Biology (1/2-1cr.) *
Advanced Physics (1cr.) *

TECHNOLOGY EDUCATION-------------------------------pg. 59 - 63
Practical Arts
Introduction to Metals (1/2cr.)
Production Welding Processes I (A) (1/2cr.) *
Production Welding Processes I (B) (1/2cr.) *
Production Welding Processes II (A) (1/2cr.) *
Production Welding Processes II (B) (1/2cr.) *
Technical Applications (1/2cr.)
AutoCAD I (1/2cr.) *
AutoCAD II (1/2cr.) *
Architectural Design I (1/2cr.) *
Architectural Design II (1/2cr.) *
Research & Design (1cr.) *
Woodworking Fundamentals (1/2cr.)
Production and Woodworking Tech I (1cr.) *
Production and Woodworking Tech II (1cr.) *
Production and Woodworking Tech III (1cr.) *

CAREER AND TECHNICAL
EDUCATION--------------------------------------------pg. 64 - 66
Practical Arts
(Application Required)
Auto Mechanics I (NCK Tech) (4cr.)
Auto Mechanics II (NCK Tech) *(4cr.)
Electrical Technology I (NCK Tech) (4cr.)
Electrical Technology II (NCK Tech) *(4cr.)
Pharmacy Technician (NCK Tech) (4cr.)
Allied Health (NCK Tech) (4cr.)
Culinary Arts I (NCK Tech) (4cr.)
Culinary Arts II (NCK Tech) (4cr.)

SUPPLEMENTAL SUPPORT------------------------pg. 67 - 68
Special Education
JAG-K (Jobs for America’s Graduates-Kansas)

FORT HAYS STATE UNIVERSITY---------------------pg. 8
(Students may block out only one class period per day for each 3 credit hour FHSU course taken on campus.)

NORTH CENTRAL KANSAS
TECHNICAL SCHOOL-------------------------------pg. 8
(Students may block out only one class period per day for each 3 credit hour NCK Tech course taken on campus.)

THE LEARNING CENTER-------------------------------pg. 69

SUMMER OPPORTUNITIES---------------------------pg. 70
Agriscience

Introduction to Agriculture
This year-long course offers an introduction to all major phases of agriculture (i.e. agriculture current events, animal science, meat science, horticulture, food safety, ag processing, agribusiness and sales, plant agriculture and leadership/personal development, and public speaking). Opportunities in FFA are introduced and each student selects and begins implementation of a Supervised Agricultural Experience (SAE) program and begins an SAE record book. The primary aim of this course is an introduction to a variety of agricultural career opportunities and to become an informed consumer of agriculture. Course content and learning will be supplemented through FFA activities and recordkeeping through the Ag Experience Tracker (AET). Career Development Events will include: Dairy Cattle Selection, Public Speaking, Meats, Poultry and Horses.

CTE Career Cluster Pathway: Comprehensive Agricultural Science
Grades: 9, 10
Year: 1 credit
Supplies: 3-ring binder -- 2”

Animal Science
FHSU Concurrent Credit Optional
This year-long course offers an introduction to animal agriculture and will investigate careers such as animal breeder, veterinary science, nutritionist, meat specialist, feed sales representative, animal marketing and additional related fields. The emphasis will be given in the areas of handling, breeding, feeding/nutrition, facilities, species, breeds, pasture management and marketing. Biology concepts will be integrated along with traditional classroom/lab instruction. Units will be reinforced by field trips and exploratory activities. Course content and learning will be supplemented through FFA activities and recordkeeping through the Ag Experience Tracker (AET). Career Development Events will include: Dairy Cattle Selection, Livestock Selection and Veterinarian Science.
(Can be taken for science credit.)

CTE Career Cluster Pathway: Comprehensive Agricultural Science
Grades: 10, 11, 12
Year: 1 credit
Supplies: 3-ring binder -- 2”

Horticulture
This course offers a one-year exploration in beginning horticulture practices. Major areas of instruction include: basic flower arranging, pruning, introductory landscaping and design, lawn management, gardening, fruit production, plant growth and propagation, insect control, hydroponics, greenhouse management and fertilization. Lab activities will supplement classroom instruction. Floriculture design, landscape architecture, turf management, fruit and vegetable production and greenhouse/nursery operations are careers in this area. Course content and learning will be supplemented through FFA activities and recordkeeping through the Ag Experience Tracker (AET). Career Development Events will include: Land & Homesite, Entomology, Floriculture and Nursery.
(Can be taken for science credit.)

CTE Career Cluster Pathway: Comprehensive Agricultural Science
Grades: 10, 11, 12
Year: 1 credit
Supplies: 3- ring notebook—2”
Plant and Soil Science  
**FHSU Concurrent Credit Optional**  
This course is a year-long applied-knowledge course focusing on the science and management of plants and soils, with special attention given to current agricultural practices that support the healthy and sustainable cultivation of major crops. Focus will be on Corn, Wheat, Soybean, Sorghum, Forage and vegetable production. Topics include: soil nutrition, fertilizers, tillage systems, conservation, pest control, seeding rates, GPS, drone technology, etc. Upon completion of this course, proficient students will have been exposed to a range of agronomy careers associated with the science and management of plants and soils and will have developed the essential skills and knowledge to be successful in science- or agriculture-related occupations. Course content and learning will be supplemented through FFA activities and recordkeeping through the Ag Experience Tracker (AET). Career Development Events will include: Land & Homesite, Entomology and Agronomy.  
(Can be taken for science credit.)  
**CTE Career Cluster Pathway:** Comprehensive Agricultural Science  
**Grades:** 10, 11, 12  
**Year:** 1 credit  
**Supplies:** 3- ring notebook—2”

Research In Agriculture Science  
A year-long course for students to increase their scientific skills, critical thinking and knowledge of science careers in Agriculture. Students will conduct experiments in the areas of botony, engineering, environmental science and microbiology and zoology. Students will complete an Agri-Science project that is eligible for competition. Course content and learning will be supplemented through FFA activities and recordkeeping through the Ag Experience Tracker (AET). Career Development Events will include: Agriculture Sales and Interview. (Can be taken for science credit.)  
**CTE Career Cluster Pathway:** Comprehensive Agricultural Science  
**Grade:** 12  
**Prerequisite:** Completed one or more of the following: Animal Science and Plant and Soil Science, or Horticulture.  
**Year:** 1 credit  
**Supplies:** 3- ring notebook—2”

**ART**

<table>
<thead>
<tr>
<th>Art Exploration: 9, 10, 11, 12</th>
<th>Ceramics - Wheel Thrown: 10, 11, 12</th>
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<tbody>
<tr>
<td>Art Exploration II: 9, 10, 11, 12</td>
<td>Computer Graphics: 9, 10, 11, 12</td>
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<td>Drawing: 9, 10, 11, 12</td>
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<td>Painting: 9, 10, 11, 12</td>
<td>Advanced Graphic Design: 10, 11, 12</td>
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<td>Jewelry/Metal Sculpture: 10, 11, 12</td>
<td>Art Portfolio: 12</td>
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<tr>
<td>Ceramics - Handbuilt: 10, 11, 12</td>
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**Art Exploration**  
This course is a prerequisite for all other art courses. Students enrolled in Art Exploration will experience a concentrated, sequential study of design, color theory, drawing and art history, while exploring different 2-D art mediums. Art Exploration is considered the foundation for all of the other art courses.  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Year:** 1/2 credit

HAYS HIGH SCHOOL • Page 27
Art Exploration II
Art Exploration II is a more in depth continuation of Art Exploration. Students will further their study in drawing, painting, printmaking, and art analysis. Students will also begin to produce larger scale projects, while working with new mediums to continue their growth in Art. Students will learn the basic vocabulary of Art, focusing on the Elements of Art and Design Principles. Art history, aesthetics and art criticism will be incorporated throughout the course. Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.

Prerequisite: Art Exploration
Grade: 9, 10, 11, 12
Year: 1/2 credit

Drawing
This class explores different drawing mediums, such as graphite, colored pencil, ink, pastel and mixed media. Students will build on their knowledge of drawing techniques, use of values and color theory application. Creativity, imagination, visualization and the power of observation are needed for success in this class.

Prerequisite: Art Exploration
Grade: 9, 10, 11, 12
Year: 1/2 credit

Painting
Painters will explore different types of paint such as acrylic, oil and watercolor. A variety of techniques, subject matter and painting surfaces will be discovered in this class. Color theory, color mixing and color application will be researched, tested and applied. Creativity, imagination, visualization and the power of observation are needed for student success in painting.

Prerequisite: Art Exploration
Grade: 9, 10, 11, 12
Year: 1/2 credit

Jewelry/Metal Sculpture
Students will experience both lost wax casting and fabrication techniques to create a variety of “original” jewelry pieces, as well as have an introduction to sculpture and 3D design. This course will enable students to gain skills of craftsmanship, problem solving, design and technology. They will be exposed to a broad range of metal, wood, and other sculptural processes and techniques and develop fabrication and finishing skills in a 3D form. Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.

Prerequisite: Art Exploration
Grades: 10, 11, 12
Semester: 1/2 credit

Ceramics—Handbuilt
Basic ceramic skills ranging from clay preparation to glaze application are introduced and practiced. Students employ a variety of techniques including pinch pot, coil and slab construction. A creative, problem solving approach to the design of ceramic forms, surface treatment and glaze application is stressed. The ability to visualize form and to develop unique ideas through sketches is a valuable asset for this studio class.

Projects: Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.
Grades: 10, 11, 12
Prerequisite: Art Exploration
Semester: 1/2 credit
Ceramics—Wheel Thrown
Students learn basic skills necessary to form ceramic pieces using the potter’s wheel. Students complete a series of individual pieces, using a creative, problem-solving approach to explore a variety of forms and develop skills ranging from clay preparation to glaze application. The ability to visualize form and to develop unique ideas through sketches is a valuable asset for students in this class.

Projects: Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.
Grades: 10, 11, 12
Prerequisite: Art Exploration
Semester: 1/2 credit

Computer Graphics
This course offers a fundamental understanding of hardware and software designed to combine art, computer technology, and creativity. Students will utilize critical thinking and drawing skills to solve a variety of teacher-driven problems related to concept design. Coursework focuses primarily on 2-D format. (Can be taken for computer credit.)

CTE Career Cluster Pathway: Web and Digital Communications
Projects: Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.
Grades: 9, 10, 11, 12
Prerequisite: Art Exploration
Semester: 1/2 credit

Graphic Design
This course is designed to advance artistic creativity using the tools of technology. Students will complete teacher-defined projects in 3-D format to represent products (real and imagined) and ad advertising. Students will be required to research projects via the internet and to perhaps incorporate some of their own photography. (Can be taken for computer credit.)

Projects: Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.
CTE Career Cluster Pathway: Web and Digital Communications
Grades: 10, 11, 12
Prerequisite: Art Exploration and Computer Graphics; Teacher recommendation
Semester: 1/2 credit

Advanced Graphic Design
Students will use computer technology to manipulate photographic images, combine images to produce creative composition, and digitally transfer line drawings to computer compositions. Projects will incorporate 2-D and 3-D skills and animation to creatively define and solve teacher-initiated problems. (Can be taken for computer credit.)

Projects: Any cost incurred by doing additional projects beyond those required will be the responsibility of the student.
Grades: 10, 11, 12
Prerequisite: Art Exploration, Computer Graphics and Graphic Design
Semester: 1/2 credit

Art Portfolio
In this course, advanced senior students will focus on portfolio development as they continue to develop skills in producing high quality works of art. Emphasis is placed on creating more complex visual statements. A wide range of materials and processes will be further explored, and students will have the opportunity to focus on a chosen subject or medium. The course is intended for advanced students creating a college ready portfolio. Cost will be incurred through the portfolio development process and will be the responsibility of the student.
Prerequisite: Senior level course - consultation with and permission of instructor, based on coursework student has completed and future plans.
Grade: 12
Semester: 1/2 credit
Students may also earn computer credit for graduation by successfully completing:

- Microcomputing
- Computer Applications
- Emerging Technologies
- Game Design & Authoring for the Web
- Advanced Accounting (1 yr. = 1/2 cr.)
- Intro to Computer Information Systems
- Helping Hands (1 yr. = 1/2 cr.)
- Digital Media Project Management (1 yr. = 1/2 cr.)
- Marketing Applications (2yrs = 1/2 credit)

*See Page 22 for a complete list of courses

Business Essentials
This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities.

CTE Career Cluster Pathway: Marketing, Business Finance and Digital Media
Grades: 9, 10
Prerequisite: None
Semester: 1/2 credit

Entrepreneurship
This course acquaints students with the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership, business and financial planning, finance and accounting, and communication.

CTE Career Cluster Pathway: Marketing and Business Finance
Grades: 9, 10, 11, 12
Prerequisite: None
Semester: 1/2 credit

Accounting
This course introduces students to accounting concepts and principles. It offers initial skills, knowledge, and attitudes necessary for individuals wishing to conduct personal business or to further their education in the field of business. * Recommended for anyone interested in majoring in Business (Accounting, Management, Marketing, Finance, or Computer Information Systems) at the college level.

CTE Career Cluster Pathway: Business Finance
Grades: 10, 11, 12
Prerequisite: None
Year: 1 credit
Advanced Accounting
This class is designed for students interested in pursuing the study of business at the post secondary level or in seeking an entry-level position upon graduation from high school. The course provides the opportunity for students to review and further develop the basic/fundamental accounting principles learned in first-year accounting by applying those principles which are commonly used within accounting systems in business and in vocational and university courses. In addition, a computerized accounting software package will be introduced.

CTE Career Cluster Pathway: Business Finance
Grades: 11, 12
Prerequisite: Accounting
Year: 1 credit

Business Economics
This course integrates economic principles with entrepreneurship and business concepts. Students will gain an understanding of our economy and how business operations are affected by economic decisions. Other topics include scarcity, the factors of production, demand and supply, competition, monopolies, trade, economic growth in developing nations, the global economy and many others.

CTE Career Cluster Pathways: Marketing and Business Finance
Grades: 10, 11, 12
Prerequisite: None
Semester: 1/2 credit (Social Science or Business Elective)

MicroComputing
This course is for students who need to reinforce keyboarding skills, improve computer literacy skills, practice word processing skills (such as formatting reports, tables, and letters), and improve editing and proofreading skills. English grammar and punctuation are reinforced.

Grades: 9, 10
Prerequisite: Teacher Recommendation Required
Semester: 1/2 credit

Computer Applications
This course teaches the fundamentals of computer application software, Windows 10 operating system, and internet browsers. It is designed to emphasize the learning and practicing of software features of e-mail management, word processing, spreadsheets, and presentations utilizing the software package Microsoft Office 2016 (Outlook, Word, Excel, and Power Point). Hands-on applications will include learning skills necessary to function in a computerized environment. Students will also be expected to demonstrate career development skills such as time management, problem solving, technical reading, work ethic, teamwork, personal leadership, and communication. Students will have the opportunity to take the Microsoft Office Specialist (MOS) certification exams free of charge.

CTE Career Cluster Pathways: Digital Media and Web and Digital Communications
Grades: 9, 10, 11, 12
Semester: 1/2 credit
Supplies: ear buds

Emerging Technologies
This course focuses on the development of advanced computer and problem-solving skills using the Internet. Students in this course will learn various applications to create graphics and multimedia. Students will learn how to build and maintain websites using state-of-the-art software, and will study appropriate communication using social media. Computer history and hardware and technology-related careers will be explored. Students will be assisted in techniques reflective of the high demand, high skill, and high wage careers in e-commerce. Technical reading and writing will be applied.

CTE Career Cluster Pathways: Web and Digital Communications
Grades: 10, 11, 12
Prerequisite: Computer Applications
Semester: 1/2 credit
Supplies: ear buds
Game Design and Authoring for the Web
This course provides students with a challenging programming experience utilizing the basic concepts, methods, and skills in programming while creating video games through interactive software. Students will apply the design process to real world problems, understand and demonstrate basic programming concepts and functions, know how to use a 3D game editor, and be able to explain the basic elements of a well-designed video game program. As an intern, students will have interactions with their supervisor, co-workers, and customers, and learn what it takes to be successful in the real world.

**CTE Career Cluster Pathways:** Web and Digital Communications

**Grades:** 11, 12  
**Prerequisite:** Computer Applications, Emerging Technologies, Advanced Algebra II (or concurrent enrollment in Advanced Algebra II), or Teacher Recommendation

**Semester:** 1/2 credit

Digital Media Project Management
Get on-the-job training in a setting that uses actual work experience for career skills development. Help design and produce programs for Hays High sporting events, vocal music activities, award recognition nights, and more. Use your creativity while constructing signs for the candidate cars in the Homecoming parade. Create and print tickets for various activities. Use your graphic design know-how to assist DECA students with their visual aids for state competition. Finish the year off with the Project Graduation and Academic/Athletic Recognition Books. Continue to develop technical and artistic skills that will add to your employability in today’s high-tech markets. Supervised work experience bridges in-school programs to the world of work.

**CTE Career Cluster Pathway:** Digital Media

**Grades:** 11, 12  
**Prerequisite:** Computer Applications or Business Teacher Recommendation. 95% attendance required during previous year to be eligible and must maintain 95% attendance to stay in the class (see counselor for this information). Teacher approval required for students repeating the course.

**Semester/Year:** 1/2 or 1 credit *Students may enroll in fall semester or all year. (Can be taken for computer credit)

Webpage Design
Students may apply and interview for a position on the Hays High School Webteam. This class offers an opportunity to plan, design, build, and maintain the Hays High School website. Upper level design and programming skills will be reinforced and students will have unlimited creative options. Assignments will require extracurricular time. Applications may be obtained from the Web Team instructor.

**CTE Career Cluster Pathway:** Web and Digital Communications

**Grades:** 11, 12  
**Prerequisite:** Computer Applications and Emerging Technologies, and/or Teacher Recommendation. Application required.

**Year:** 1 credit

Principles of Marketing (DECA)
This year long course will focus on how to specify information needs and design a research study to meet those needs; collect, analyze, and use marketing research data to make effective marketing decisions; and communicate the research findings and their implications to various publics. Marketing students will be expected to participate in DECA activities. DECA focuses on the development of leadership and career skills as well as providing students the opportunity to compete at the state and national levels. (Can be taken for computer credit if both Principles of Marketing and Marketing Applications are completed)

**CTE Career Cluster Pathway:** Marketing

**Student Membership Dues:** $30 DECA Dues

**Grades:** 11, 12  
**Prerequisite:** None

**Year:** 1 credit
Marketing Applications (DECA)
This year long class is a comprehensive course that focuses on the wide range of factors that influence the flow of goods and services from the producer to the consumer. Topics may include (but are not limited to) market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, shoplifting and theft control, business management and entrepreneurship. Human relations, computers and economies will be taught as well. Marketing students will be expected to participate in DECA activities. DECA focuses on the development of leadership and career skills as well as providing students the opportunity to compete at the state and national levels.

CTE Career Cluster Pathway: Marketing
Student Membership Dues: $30 DECA Dues
Grade: 12
Prerequisite: Principles of Marketing
Year: 1 credit

Introduction to Computer Information Systems
FHSU Concurrent Credit Required - 3 hrs ($218.67 per credit hour 2018-19)
This course is an introduction to computing with an emphasis on improving productivity and communication through the effective use of available technology. Students will acquire computing skills to increase personal productivity in problem solving, critical thinking, and information management through the use of available software packages designed for office applications and telecommunications, including the Blackboard course management software, Microsoft Windows 10, and Microsoft Office 2016—Outlook, Word, Excel, and PowerPoint. Students will take the Microsoft Office Specialist (MOS) certification exams free of charge. This course meets the Foundation Studies General Education requirement for FHSU.
Required: FHSU tuition for concurrent credit (3hrs.) See page 9 - 10
Grades: 11, 12
Prerequisite: None
Semester: 1/2 credit

Introduction to Leadership Studies
This course is a unique opportunity for high school students to develop and enhance their leadership skills. Hands-on activities, speakers, class projects, and service learning are all components of this course. The objective is to promote both the understanding and practical skills of leadership thinking and behavior including team building, motivation, problem-solving, and goal-setting. This class can also be taken for concurrent credit.
Optional: FHSU tuition for concurrent credit (3hrs.) See page 9 - 10
Grades: 11, 12
Prerequisite: None
Semester: 1/2 credit

Personal Finance
This class will focus on consumer issues the student will encounter throughout his/her life. Topics to be discussed include: payroll; taxes; consumer rights, responsibilities and protection; saving and investing; budgeting; insurances; transportation; clothing and housing needs; health care costs; and managing a checkbook. Realistic applications will be used to address personal finance issues.
CTE Career Cluster Pathway: Business Finance and Family, Community and Consumer Services
Grades: 10, 11, 12
Prerequisite: None
Semester: 1/2 credit
Supplies: ear buds
English

Supply List for All Grade Levels

- Notecards - 3x5 lined (100)
- Paper - looseleaf or perforated
- Pocket folder
- Pens - blue or black
- Pencils
- Highlighters - set of 4

Students must bring their school computer, charger, stylus and ear buds/headphones to class.

Options are available to assist students at Hays High School in completing English credit according to individual learning needs. Parents: To accommodate individual needs, students may be placed according to test scores, grades, and teacher/counselor recommendation. To ensure your students are enrolling in the appropriate coursework to meet their potential, we suggest you communicate with their English teachers; we strongly support all students to challenge themselves in whatever curriculum best fits their needs.

English I (QA)
Based on the Kansas College and Career Readiness Standards (KCCRS), the English I core curriculum involves the study of literature, grammar, composition, research, and organizational skills. Specifically, the focus in each of these areas includes vocabulary building, reading comprehension, citing strong and thorough textual evidence to support analysis of what text explicitly says. Study of the elements of the short story, the parts of speech and parts of the sentence, basic punctuation, outline structure, paragraph unity, coherence, and development, library use, and accurate bibliography format are also developed. Thoughtful preparations of oral presentations are broadened. Expectations include completion of all major papers, literary readings, daily work, and required oral presentations, as well as active participation in class discussions.

Grade: 9
Prerequisites: None
Year: 1 credit

English II (QA)
Based on the Kansas College and Career Readiness Standards (KCCRS), the English II core curriculum serves as a continuation of the study of literature stressing vocabulary building, interpretation and expansion, including how the text emerges and is shaped and refined by specific details. Literary styles include short stories, poetry, novels, and drama. During the required career research project, the student will explore careers and skills necessary for such careers. Expanded communication skills involve active listening, critical thinking, reading, writing, viewing, speaking, and small group discussions. Expository and technical writings are stressed at this level and will focus on sentence variety, word choice, essay structure, and the use of transitions. Expectations include completion of all major papers, literary readings, daily work, and required oral presentations, as well as active participation in class discussions.

Grade: 10
Prerequisites: English I
Year: 1 credit
English III (QA)
Based on the Kansas College and Career Readiness Standards (KCCRS), the English III core curriculum explores authors’ intentions and universal, cultural themes as found in American literature. Selections include speeches, articles, short stories, poetry, drama, and novels. Writing at this level stresses sentence combining using varying syntax and includes expository and persuasive essays, focusing on establishing and supporting a claim. ACT practice and vocabulary building through the use of context clues for denoted or inferred meaning are implemented to improve ACT scores. Students demonstrate public speaking skills through informative and persuasive class presentations. A formal research project is required. Expectations include completion of all major papers, literary readings, daily work, and required oral presentations, as well as active participation in class discussions.

Grade: 11
Prerequisites: English I, II
Year: 1 credit

English IV (QA)
Based on the Kansas College and Career Readiness Standards (KCCRS), the English IV core curriculum requires an in-depth study of multiple literary genres (classic to contemporary), exploring authors’ intentions and universal, cultural themes. Time periods and literary pieces covered help students to better understand the evolution of society as represented in literature. Selected readings clarify important ideas, stimulate discussion, and act as a springboard for writing. A comprehensive study of varied structures of expository composition, an exploration of technical writing to include the resume and business correspondence, knowledge of APA research documentation, and exclusive use of MLA documentation used to complete a formal argumentation paper are required by all seniors. Regular grammar workouts that examine varying syntax, vocabulary building, and reading strategies are all implemented to improve ACT scores. Expectations include completion of all major papers, literary readings, daily work, and required oral presentations.

Grade: 12
Prerequisites: English I, II, III
Year: 1 credit
Parents: We strongly advise you to guide and support your students enrolling in as challenging a coursework as meets their potential! Research consistently proves that students’ post-secondary success is directly related to the student’s / family’s willingness to challenge themselves with rigor in their choice of course offerings. If students have the potential to find success within the challenge of the honors curriculum, the best practice is to provide guidance to influence their decision in moving in that direction. While Honors/AP courses place greater demands on students, it is most beneficial to accept these challenges when student abilities are a good fit. Enrollment will be screened to avoid student misplacement.

Honors English I (QA)
Based on the Kansas College and Career Readiness Standards (KCCRS), the Honors English I course is designed for the student entering high school with above average reading and writing skills. While some of the content may be the same as English I (literature, grammar, vocabulary and oral presentation) greater emphasis will be placed upon analysis citing strong and thorough textual evidence to support analysis of what text explicitly says. The students will focus on authors’ use of literary elements, techniques, and structure; application of themes to current society; independent reading of text and non-text materials; examination of mythology from various cultures; and group interaction skills. The student can expect more extensive outlining/writing/revision/research activities along with limited practice of essays, and creative forms of writing such as short story, drama, and poetry. The student will develop an independent approach to his or her study of English and work beyond minimum levels of performance. In preparation for this course, the student should complete the required summer reading preceding his or her freshman year. Expectations include completion of all major papers, literary readings, daily work, vocabulary building and required oral presentations, as well as active participation in class discussions.

Grade: 9
Prerequisites: Teacher recommendation
Year: 1 credit
Summer Reading: A letter regarding the summer readings and course expectations will be mailed to pre-enrolled students in May. If you do not receive this letter, please contact the Counseling Office.

Honors English II (QA)
Based on the Kansas College and Career Readiness Standards (KCCRS), the Honors English II course requires a committed student who is willing to be challenged and meet deadlines. With an in-depth study of author style, the student will analyze, citing strong and thorough textual evidence to support analysis of what text explicitly says. Focusing on short stories, plays, poetry and novels, the student can expect intensive reading, more extensive, analytical writing, and greater opportunity for individual and group enrichment activities. Included within these literature studies, students will develop their vocabulary and grammatical skills through quizzes and written assignments, implemented to improve ACT scores. Outside reading and formal research writings are required. In preparation for this course, students are expected to read one novel during the summer preceding their sophomore year. Expectations include completion of all major papers, literary readings, daily work, and required oral presentations, as well as active participation in class discussions.

Grade: 10
Prerequisites: English I; Honors English I is recommended.
Year: 1 credit
Summer Reading: A letter regarding the summer readings and course expectations will be mailed to pre-enrolled students in May. If you do not receive this letter, please contact the Counseling Office.
**Honors English III (QA)**

Based on the Kansas College and Career Readiness Standards (KCCRS), the Honors English III course is designed for the student who has developed a strong background in language arts and wants to be challenged. While some of the content may be the same as that of English III, the student can expect in-depth exploration of authors’ intentions and universal, cultural themes as found in American literature, more extensive writing, and greater opportunity for individual and group enrichment activities. Activities will facilitate analytical and reflective thinking/writing skills (which are different than creative writing) - focusing on establishing and supporting a claim - and vocabulary building. The junior Honors English student can expect weekly vocabulary quizzes designed to boost PSAT/ACT scores in addition to PSAT/ACT drill and practice. Outside reading and a formal research paper are required. Expectations include completion of all major papers, literary readings, daily work and required oral presentations, as well as active participation in class discussions.

**Grade:** 11  
**Prerequisites:** English I, II; Honors English I, II recommended  
**Year:** 1 credit  
**Summer Reading:** A letter regarding the summer readings and course expectations will be mailed to pre-enrolled students in May. If you do not receive this letter, please contact the Counseling Office.

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**AP English IV (QA)**  
**FHSU Concurrent Credit Optional**

Based on the Kansas College and Career Readiness Standards (KCCRS), the AP English IV/Concurrent Credit course is time consuming and challenging. It requires a committed student who is willing to meet deadlines, to work with others, and to make time outside of class for writing conferences. This course involves an in-depth study of literary analysis, focusing on authors’ intentions, style, and structure, which includes the genres of fiction, poetry, essays and plays. The course also promotes among students, an awareness of the world as a global village by incorporating relevant geographical and historical materials which should serve to increase the students’ understanding of varied human values, attitudes and behaviors of races and cultures of people from throughout the world. Students will develop their higher-level critical thinking skills, making claims and supporting claims by citing evidence from the text. To improve standardized testing scores, students will develop their vocabulary skills and reading skills as they examine classical and modern world literature. For the writing portion of the class, students will compose a minimum of six formal essays, demonstrating their knowledge of process writing, a reflective process journal, and several in-class and informal essays. In preparation for this course, students are expected to read various novels during the summer, using a list mailed to them in May. Students may opt to take the AP Literature and/or Language exam at the end of the year and obtain college credit at participating universities, depending upon the score earned on the exam. Expectations include completion of all major papers, literary readings, daily work, and required oral presentations, as well as active participation in class discussions.

**Optional:** Approximately $90 for AP exam or FHSU tuition for concurrent credit (3 or 6 hrs.). See page 9 - 10  
**Grade:** 12  
**Prerequisites:** English I, II, III; Honors English I, II, III strongly recommended  
**Year:** 1 credit  
**Summer Reading:** A letter regarding the summer readings and course expectations will be mailed to pre-enrolled students in May. If you do not receive this letter, please contact the Counseling Office.
Fundamentals of Oral Communication
FHSU Concurrent Credit Required - 3 hrs ($218.67 per credit hour 2018-19)
This course examines theories and practices relevant to acquiring skill in interpersonal relations and public speaking. Students develop knowledge of, appreciation for, and skill in applying a variety of theories of communication. This course provides frequent practical opportunities for students to develop skills in public speaking through the development, organization, preparation, and delivery of three major public speeches. Students are provided ample opportunities to develop skills in interpersonal communication through a number of structured learning experiences (SLE’s). This course allows students to develop sensitivity to how personal and situational factors such as perception, beliefs, attitudes, nonverbal signals, and sexist language influence both informal and formal communication. Students are prepared to be more effective critical listeners while developing knowledge about appropriate active listening skills during public speeches.

Required: FHSU tuition for concurrent credit (3hrs.). See page 9 - 10 - Textbook purchase recommended at an additional cost.
Grades: 10, 11, 12
Concurrent Credit: Grades 11, 12
Prerequisites: Jr or Sr status or Teacher Permission.
Semester: 1/2 credit

Drama
The course is designed to combine textbook material and activities. Students are expected to perform in class productions/projects and community events throughout the year. Students will explore the areas of scene development, feelings and emotions, vocal variation, character development, acting, blocking and directing, as well as the technical and physical aspect of theatre.
Grades: 9, 10, 11, 12
Prerequisites: None
Semester: 1/2 credit

Novice Debate
Debate is an activity for those students who desire to learn how to effectively defend a viewpoint. Students will be taught communication skills (verbal and nonverbal), research skills, and argumentation skills. This class is especially designed for the college-bound and/or academically inclined student. Students will be required to assist with the HHS invitational and compete at a minimum of three debate competitions, and work will be required outside of class. Weekend tournaments and work-nights will serve as the required lab portion of this course.

Student Membership Dues: $20 NSDA membership required. (1-time life-time membership)
Grades: 9, 10, 11, 12
Prerequisite: None
Semester 1: 1/2 credit
Supplies: thumb drive, ream of legal size copy paper, red & blue pens, highlighter, professional attire

Advanced Debate
This course is designed to build upon the skills learned in Novice Debate. Students will study advanced argumentation theory and be required to spend time practicing and researching outside of class. Focus will be on preparing for the Fall/Winter season competition of Policy Debate (CXdebate). Students will also explore other forms of debate. Spring competitive debate examples may include: Lincoln-Douglas Debate (LD), Congressional Debate, Model UN and Mock Trial debate styles. Students will be required to attend a minimum of four policy debate tournaments.

Student Membership Dues: $20 NSDA membership required (1-time life-time membership)
Grades: 10, 11, 12
Prerequisites: Novice Debate and Instructor Permission
Semester: 1/2 credit
Supplies: thumb drive, ream of legal-size copy paper, red & blue pens, highlighter, professional attire
Forensics
Forensics is a participative, competitive class consisting of speaking, acting, and interpretation. Students will learn about the KSHSAA and NSDA approved competition of debate, speaking, acting, and interpretive events. Students will select at least two different events for competition and prepare speeches and/or material for them. Students are also required to prepare/perform multiple events in class that are not taken to competition. Students will be expected to participate at 4 tournaments throughout the course of the semester. Possible events include a variety of humorous/serious reading and/or acting-out literature interpretations, prepared informative and persuasive speeches, Model UN, Student Congress, Lincoln-Douglas Debate, and extemporaneous speaking over national and international topics.

**Student Membership Dues:** $20 NSDA membership required. (1-time life-time membership)

**Grades:** 9, 10, 11, 12

**Prerequisites:** None

**Semester:** 1/2 credit

**Supplies:** highlighters, performance binder, professional attire, competition meals

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**Family and Consumer Sciences**

**Human Services/ Hospitality & Tourism**

**Human Services**
Life Management 9, 10, 11
Nutrition and Healthy Eating 10, 11, 12
Personal Finance: 10, 11, 12
Family Studies 11, 12
Human Growth and Development: 10, 11, 12
Career Connections 12
Culinary Essentials 10, 11, 12

**Hospitality & Tourism**
Life Management 9, 10, 11
Culinary Arts I 9, 10, 11, 12
Culinary Essentials 10, 11, 12
Nutrition & Healthy Eating 10, 11, 12
Helping Hands which includes: 11, 12
Event Plan & Management
Community Connections
Culinary Applications

**Life Management**
This course introduces students to life management skills and career opportunities relating to services for others. Course topics will include, but not be limited to: consumerism, building healthy relationships, financial issues, parenting skills, business etiquette, and careers.

**CTE Career Cluster Pathway:** Family, Community and Consumer Services; Restaurant and Event Management

**Grades:** 9, 10, 11

**Prerequisite:** None

**Nutrition and Healthy Eating**
This course is for the student who is motivated to explore foods as they relate to their health, appearance and performance. Topics will include, but not be limited to: nutrients and their functions; nutritional needs through the lifespan; influences on food choices; benefits of activity; label reading; and eating disorders. Students will prepare recipes in lab that reinforce the topics introduced. (Can be taken for ½ health credit)

**CTE Career Cluster Pathway:** Family, Community and Consumer Services

**Grades:** 10, 11, 12

**Prerequisite:** Culinary Arts I

**Semester:** 1/2 credit

**Personal Finance**
This class will focus on consumer issues the student will encounter throughout his/her adult life. Topics to be discussed: payroll; taxes and filing; consumer rights, responsibilities and protection; saving and investing; budgeting; insurances; transportation; clothing and housing needs; health care costs; and social responsibilities. Realistic applications will be used to address economic issues.

**CTE Career Cluster Pathway:** Business Finance; Family, Community and Consumer Services

**Grades:** 10, 11, 12

**Prerequisite:** None

**Semester:** 1/2 credit

**Supplies:** ear buds
Family Studies
This course is designed to help the student learn about children and their development from conception through the preschool years. The student will explore the role of parenting, family structure, relationships and childcare as a career. The course will be taught using online resources, videos, guest speakers, projects and a textbook. There will be some emphasis to hands-on training with children from birth to 5 years of age.

CTE Career Cluster Pathway: Family, Community and Consumer Services
Grades: 11, 12
Prerequisite: None
Semester: 1/2 credit

Human Growth and Development
Human Growth and Development is an examination of human development across the lifespan. Theoretical perspectives, cognitive, physical and social/emotional development will be explored from childhood through late adulthood.

CTE Career Cluster Pathway: Family, Community and Consumer Services
Grades: 10, 11, 12
Prerequisite: None
Semester: 1/2 credit
Supplies: ear buds

Career Connections
This course provides human services/family and consumer sciences related work-based learning experiences outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/family and consumer science occupational technical skills. These experiences may include but are not limited to the following opportunities: Early Childhood Development Services including, Pre School, Family, Community and Consumer Services. Students will be expected to comply with regulations as prescribed by the individual work site and these may include dress code, attendance, orientations, etc.

CTE Career Cluster Pathway: Family, Community and Consumer Sciences
Grade: 12
Prerequisite: Life Management, Family Studies and Human Growth & Development, Completed Application, Interview and Instructor Permission. Attendance rate must be at or above 95% previous school year.

Culinary Arts I (formerly Basic Food Prep)
This course is designed to help students acquire basic skills in planning, preparing, and serving foods. Emphasis is placed on the essential principles of time management, equipment use, measurements, terminology and food in the diet.

CTE Cluster Pathway: Restaurant and Event Management
Grades: 9, 10, 11, 12
Prerequisite: None
Semester: 1/2 credit

Culinary Essentials (formerly Food Prep II)
This comprehensive course covers advanced food preparation, meal planning and food presentation techniques. Special emphasis will be placed on food safety and sanitation procedures. Careers in the food service industry, international foods, food preservation and event planning are explored throughout the course. Students will take part in ServSafe Food Handling Training and earn the ServSafe Food Handlers Certificate as part of this program.

CTE Cluster Pathway: Family, Community and Consumer Services; Restaurant and Event Management
Grades: 10, 11, 12
Prerequisite: Culinary Arts I
Semester: 1/2 credit
Helping Hands
Helping Hands is a student-maintained business providing experience in a commercial bakery and *Indian Grounds, a retail coffee shop setting. Students learn how to plan, market, create and provide services to the community. Students will enhance career readiness through practicing appropriate employment skills. Emphasis is placed on students understanding operating procedures for events including timeliness, budgets, tasks, event marketing, media promotion, facility and equipment needs. Experience in invoicing, accounts receivable, accounts payable, inventory, and cost analysis of goods are part of this program. Working in a cooperative manner with co-workers, supervisors and customers are topics students are graded on. Students will be trained in food safety procedures and earn the Serv Safe Food Handler Certificate as part of this program. Students will analyze work qualities within the food production and food service industries. Students will demonstrate professional food preparation methods and techniques to produce a variety of food products that meet customer needs. (Can be taken for computer & SS credit).

CTE Career Cluster Pathway: Restaurant and Event Management
**Grades:** 11, 12
**Year:** 2-credit block includes the following: Event Plan & Management, Community Connections and Culinary Applications.
**Prerequisite:** Life Management

*Indian Grounds: Requires periodic early attendance (7:15am)

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**Foreign Language**

*Language is a city to the building of which every human being brought a stone.*

German I: 9, 10, 11, 12
German II: 10, 11, 12
German III: 11, 12
German IV: 12
Spanish I: 9, 10, 11, 12
Spanish II: 10, 11, 12
Spanish III: 11, 12
Spanish IV: 12
Heritage Spanish Speakers I: 9, 10, 11, 12
Heritage Spanish Speakers II: 10, 11, 12
Elementary Latin: 9, 10, 11, 12
Intermediate Latin: 10, 11, 12

The Hays High Spanish and German curriculum is aligned with the Kansas State Standards for Foreign Language and the standards and benchmarks set by the American Council on the Teaching of Foreign Language. There are ten levels of proficiency outlined in the ACTFL Speaking Proficiency Guidelines, the first four of which are Novice-Low, Novice-Mid, Novice-High, and Intermediate-Low.

Studying foreign language in high school is recommended for all students entering a connected world, especially college-bound students. Successful completion of a four-year program enables students to seek advanced placement at most colleges and universities, resulting in substantial monetary savings. Further, preferential consideration in the job market sometimes occurs when one earns the Seal of Biliteracy.

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**Seal of Biliteracy:**

The Seal of Biliteracy is an accolade presented by HHS to recognize a student who has demonstrated proficiency in two or more languages by his/her graduation. Students are tested in their native or foreign language(s) and English; proficiency in speaking and understanding, reading and writing are assessed. The Seal of Biliteracy, attached to the student’s diploma, honors the student’s skills and attracts future employers and college admissions.

**Benefits of taking German**

- Strengthens English vocabulary and grammar
- Attending a German university is free
- Advantage in occupational clusters: Technology, Research, Science and Marketing/Trade

**German I**

Students achieve the Novice-Low level of speaking skills, and similar levels in listening, reading, writing and presenting in German. Students acquire information about German-speaking countries and people through authentic materials. Students use German as a communication tool in other content areas. Students compare German language and culture with their own. They are encouraged to explore areas of personal interest to them, and to become life-long learners of German. Focus will be on interpretation, interpersonal communication and presentation in the target language.

**Grades:** 9, 10, 11, 12

**Prerequisite:** “C” average in English recommended

**Year:** 1 credit

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German II
Students achieve the Novice-mid level of speaking skills, and similar levels in listening, reading, writing, and presenting in German. Activities and levels of performance build upon and extend those of German I. Focus will be on interpretation, interpersonal communication and presentation in the target language.

Grades: 10, 11, 12
Prerequisite: German I (or Teacher Recommendation)
Year: 1 credit

German III
Students achieve the Novice-High level of speaking skills, and similar levels in listening, reading, writing, and presenting in German. Activities and levels of performance build upon and extend those of German II. In addition, students research historical and current topics related to German-American relations and local history. Focus will be on interpretation, interpersonal communication and presentation in the target language.

Grades: 11, 12
Prerequisite: German I, II (or Teacher Recommendation)
Year: 1 credit

German IV (not offered at this time)
Students achieve the Intermediate-Low level of speaking skills, and similar levels in listening, reading, writing, and presenting in German. Activities and levels of performance build upon and extend beyond those of German III, as students refine their use of German for communication and research. Focus will be on interpretation, interpersonal communication and presentation in the target language.

Grades: 12
Prerequisite: German I, II, III (or Teacher Recommendation)
Year: 1 credit

Benefits of taking Spanish
Primary spoken language in 20 countries today
Spanish speaking healthcare professionals receive preferential hiring
Translating/interpreting job opportunities are plentiful

Spanish I
Students achieve the Novice-Low level of speaking skills, and similar levels in listening, reading, writing, and presenting in Spanish. Students acquire information about Spanish-speaking countries and people through experiences with authentic materials and comparison of cultures. Spanish is used to communicate about other content areas and to explore topics of personal interest and current events with each student. Students are encouraged to become life-long learners of Spanish. Focus will be on interpretation, interpersonal communication and presentation in the target language.

Grades: 9, 10, 11, 12
Prerequisite: “C” average in English recommended
Year: 1 credit

Spanish II
Students achieve the Novice-Mid level of speaking skills, and similar levels in listening, reading, writing, and presenting in Spanish. Activities and levels of performance build upon and extend those of Spanish I. Focus will be on interpretation, interpersonal communication and presentation in the target language.

Grades: 10, 11, 12
Prerequisite: Spanish I (or Teacher Recommendation)
Year: 1 credit
Spanish III
(BCC Concurrent Credit Optional)
Students achieve the Novice-High level of speaking skills, and similar levels in listening, reading, writing, and presenting in Spanish. Activities and levels of performance build upon and extend those of Spanish II. Students delve more deeply into the Spanish culture through activities and reading in Spanish. Focus will be on interpretation, interpersonal communication and presentation in the target language.
Optional: BCC tuition for concurrent credit (5 hrs.). See page 9 - 10
Grades: 11, 12
Prerequisite: Spanish I, II (or Teacher Recommendation)
Year: 1 credit

Spanish IV
(BCC Concurrent Credit Optional)
Students achieve the Intermediate-Low level of speaking skills, and similar levels in listening, reading, writing, and presenting in Spanish. Activities and levels of performance build upon and extend beyond those of Spanish III, as students refine their use of Spanish for communication and research. Focus will be on interpretation, interpersonal communication and presentation in the target language. At this level, students will be expected to qualify for the Seal of Biliteracy.
Optional: BCC tuition for concurrent credit (5 hrs.). See page 9 - 10
Grade: 12
Prerequisite: Spanish I, II, III (or Teacher Recommendation)
Year: 1 credit

Heritage Spanish Speakers I
This class is designed to help Heritage Speakers increase their Spanish vocabulary, their knowledge of the Spanish language in listening, reading, speaking, writing, and focusing on form. There will also be a segment on tools and tips for translating and interpreting. This will all be done by using workbooks, doing projects, skits, oral and written reports. Focus will be on interpretation, interpersonal communication and presentation in the target language.
Grade: 9, 10, 11, 12
Prerequisite: Native Spanish speaker/Spanish spoken in the home
Year: 1 credit

Heritage Spanish Speakers II
Spanish for Heritage Speakers II is a continuation of the Spanish for Heritage Speakers I. Students will continue to work on increasing vocabulary and language skills. The students will work on strengthening their interpreting and translating skills as well as some life skills to help the acculturation into the English speaking society. Focus will be on interpretation, interpersonal communication and presentation in the target language.
Grade: 10, 11, 12
Prerequisite: Heritage Spanish Speakers I, native Spanish speaker/Spanish spoken in the home
Year: 1 credit

Heritage Speakers II
Spanish for Heritage Speakers II is a continuation of the Spanish for Heritage Speakers I. Students will continue to work on increasing vocabulary and language skills. The students will work on strengthening their interpreting and translating skills as well as some life skills to help the acculturation into the English speaking society. Focus will be on interpretation, interpersonal communication and presentation in the target language.
Grade: 10, 11, 12
Prerequisite: Heritage Spanish Speakers I, native Spanish speaker/Spanish spoken in the home
Year: 1 credit

HHS Foreign Language Honor Society, “Sociedad Honoraria Hispanica” is for qualified juniors and seniors. The mission of the HHS Sociedad Honoraria Hispanica is to recognize high school achievement in Spanish and promote interest in Hispanic studies, culture and language.
Must be enrolled in a Spanish III or IV class
Must have a GPA of 3.0
Must have a 92% attendance rate at HHS

Benefits of taking Latin
Increased knowledge of vocabulary and grammar in English and Spanish
Provides root words for all modern sciences
Advantage in occupational clusters: Medicine, Law/Government, Engineering, Science and Theology
Elementary Latin
This is an online course taught through the Edgenuity platform. Students begin their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and cultural presentations covering significant aspects of Roman culture or their modern-day manifestations, and assessments. Students will engage in basic translation and identify English derivatives. Students will be given the opportunity to experience elements of Roman life through recipes, art projects, and simple science activities. This course will prepare students for the Level II National Latin Exam. This course has been aligned to the national standards as set forth by ACTFL (American Council on the Teaching of Foreign Languages).
Grades: 9, 10, 11, 12
Prerequisite: “C” average in English recommended
Year: 1 credit

Intermediate Latin
This is an online course taught through the Edgenuity platform. Students continue their introduction to Latin with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. This course builds upon the basic translation, grammar, speaking, and reading skills acquired in Elementary Latin. While extending vocabulary, this course focuses on more advanced structures of Latin. Students study culture and history, notable ancient myths, intermediate grammar patterns, and more complex vocabulary. Students will be given the opportunity to experience elements of Roman life through recipes, art projects, and simple science activities. This course will prepare students for the Level II National Latin Exam. This course has been aligned to the national standards as set forth by ACTFL (American Council on the Teaching of Foreign Languages).
Grades: 10, 11, 12
Prerequisite: Elementary Latin
Year: 1 credit

English as a Second Language

Students whose first language is not English or who have a language other than English spoken in the home may qualify for this program. Students will participate in English language study to further develop their skills in speaking, listening, reading and writing. They will have additional academic language tutoring in other content areas as needed. Classroom activities will also enhance students’ knowledge of the culture.
Grades: 9, 10, 11, 12
Prerequisite: Home Language Survey and Entrance Exam
Semester/Year: 1/2 - 1 credit

Math

Algebra I: 9, 10, 11, 12
Advanced Algebra I: 9, 10, 11, 12
Geometry: 10, 11, 12
Advanced Geometry: 9, 10, 11, 12
Algebra II: 11, 12
Advanced Algebra II: 10, 11, 12
Functions/Statistics/Trigonometry: 11, 12
Calculus Methods: 11, 12
AP Calculus AB: 12
FHSU MATH 110 - College Algebra: 12
FHSU MATH 250 - Elements of Statistics: 12

Students may also earn math credit for graduation by successfully completing the following course with administration approval:

(See NCKTC sections for the following course)
Auto Mechanics - Year 2 (1/2 cr.)

Algebra I is offered to students at Hays High School in two ways: Algebra I and Advanced Algebra I. Students will be placed according to preferred learning style, test scores, grades, and teacher/counselor recommendation.
## Calculator Recommendation:

Students enrolled in the following courses will need a scientific calculator:

- Algebra I
- Advanced Algebra I
- Geometry
- Advanced Geometry
- Algebra II

Students enrolled in the following courses will need a graphing calculator. HHS recommends a TI83 plus or TI84 if students choose to purchase one. HHS has classroom sets of graphing calculators for Advanced Algebra II, FST, and Calculus Methods students to use in the classroom only.

- Advanced Algebra II
- Functions/Statistics/Trigonometry
- Calculus Methods
- College Algebra (required by FHSU)
- AP Calculus - AB
- Elements of Statistics (required by FHSU)

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### Algebra I (QA)

Algebra I includes units which are algebraic in nature. Students will use the calculator to effectively solve problems associated with learning problem solving techniques; using graphs, charts and tables; dealing with data; using ratios and proportions; using signed numbers; using scientific notation; solving problems with powers and roots; using formulas to solve problems; solving problems involving linear equations; graphing data; and factoring.

**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Year:** 1 credit  
**Supplies:** scientific calculator, notebook paper, 1” 3-ring binder, dry erase marker

### Advanced Algebra I (QA)

This course offers applications in the use of equations, functions, ratios, rates, and proportions to solve everyday situations. Concentrated study of the coordinate plane and distances, rates of change within the plane and practice in the use of powers; square roots and factoring is included.

**Grades:** 9, 10, 11, 12  
**Prerequisite:** None  
**Year:** 1 credit  
**Supplies:** scientific or graphing calculator, notebook paper, 1” 3-ring binder and ruler, dry erase marker

### Geometry (QA)

Contextual Geometry concentrates on basic geometry skills. Students will learn basic properties with regard to working with lines and angles, working with shapes in two dimensions, working with shapes in three dimensions, working with scale drawings, using right-triangle relationships, geometry in the workplace, line and triangle proofs, coordinate geometry, and transformations.

**Grades:** 10, 11, 12  
**Prerequisite:** Algebra I  
**Year:** 1 credit  
**Supplies:** scientific calculator (3 trigonometric functions), 3-ring notebook, 1 dry erase marker, Geometer (to be purchased at school)

### Advanced Geometry (QA)

Advanced Geometry concentrates on topics including: logic, transformations, congruency, proofs, two and three-dimensional figures and their measurement formulas, right triangle trigonometry, ratios and similarity, coordinate proofs, and circles.

**Grades:** 9, 10, 11, 12  
**Prerequisite:** Advanced Algebra I  
**Year:** 1 credit  
**Supplies:** scientific or graphing calculator, 3-ring notebook, notebook paper, pencils, 2 highlighters, Geometer (to be purchased at school)
Algebra II (QA)
This course emphasizes algebraic expressions, linear and quadratic equations; powers and roots, and functions based on these concepts. Students study equations and inequalities; systems of equations and inequalities; polynomial, and other special functions as tools for modeling real-world situations. The curriculum applies geometric ideas learned in previous courses, including transformations and measurement formulas.

Grades: 11, 12
Prerequisite: Geometry/Advanced Geometry
Year: 1 credit
Supplies: scientific calculator, 3-ring notebook, notebook paper, pencils, ruler, dry erase marker.

Advanced Algebra II (QA)
This course emphasizes algebraic expressions, linear and quadratic equations; powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, and other special functions as tools for modeling real-world situations. The curriculum applies geometric ideas learned in previous courses, including transformations and measurement formulas.

Grades: 10, 11, 12
Prerequisite: Advanced Geometry/Algebra II
Year: 1 credit
Supplies: graphing calculator, 3-ring notebook, notebook paper, pencils, ruler, dry erase marker

Functions/Statistics/and Trigonometry (QA)
Students will study and explore statistics through the manipulation of functions. The graphing calculator is a necessary tool for this class. Concepts of trigonometry are studied, providing a sufficient background for calculus. This course is highly recommended for students considering a career in business/science/math related fields.

Grades: 11, 12
Prerequisite: Advanced Algebra II
Year: 1 credit
Supplies: graphing calculator, 3-ring notebook, notebook paper, pencils, ruler, 1 package of 3x5 notecards, 1 pkg. AAA batteries

Calculus Methods (QA)
FHSU Concurrent Credit Optional
This is a full year course in which students can earn up to 6 concurrent credit hours through FHSU. Students can earn 3 credit hours for Pre-Calculus (Math 130) in the fall and 3 credit hours for Calculus Methods (Math 331) in the spring. Pre-Calculus topics include an in-depth study of the polynomial, rational, exponential and trigonometric functions, and their inverses. Review of absolute value equations, exponents, radicals and factoring are also taught. Topics explored in Calculus include functions, limits and continuity, rules of differentiation and integration of algebraic, exponential, and logarithmic functions. Applications of the derivative and integral will be taught.

Optional: FHSU tuition for concurrent credit (3 or 6 hrs.). See page 9 - 10
Grades: 11, 12
Prerequisite: Functions/Statistics/Trigonometry
Year: 1 credit
Supplies: graphing calculator
College Algebra

FHSU Concurrent Credit Required - 3 hrs ($218.67 per credit hour 2018-19)

College Algebra includes the study of the following topics: absolute value, inequalities, linear and quadratic equations, complex numbers, binomial formula, equations of lines, exponential and logarithmic functions, systems of equations and inequalities, functions and the theory of equations. Students planning to enroll in College Algebra should enroll in the first semester of Functions, Statistics, and Trigonometry to secure background in statistical functions.

Required: FHSU tuition for concurrent credit is required (3hrs.). ($218.67 per credit hour 2018-19) (See page 9-10)

Grade: 12

Prerequisite: Required by the FHSU Department of Mathematics: Advanced Algebra II and one of the following: a score of at least 15 on the FHSU mathematics placement exam, to be given in the Spring of the previous school year and may be taken only one time. If a student does not pass the entrance exam, he/she must have supporting ACT scores as follows; Math and Science total of at least 40 with neither score below 18. Instructor permission is needed to enroll.

Semester: 1/2 credit

Supplies: graphing calculator, purchase an access code from www.mymathlab.com (approximately $105)

FHSU - Elements of Statistics (not offered at this time)

Elements of Statistics includes the study of the following topics: creating and analyzing data displays, computing and interpreting descriptive and inferential statistics including distributions, measures of central tendency and dispersion, sampling methods, hypothesis testing, correlation, and regression, and learning basic rules of probability including finding probabilities related to the normal curve.

Required: FHSU tuition for concurrent credit (3hrs.). See page 9 - 10

Grade: 12

Prerequisite: C or better in FHSU MATH 110 - College Algebra

Semester: 1/2 credit

Supplies: graphing calculator, graph paper, FHSU Elements of Statistics textbook, purchase an access code from www.mymathlab.com (approximately $100)

AP Calculus AB (QA) (not offered at this time)

This challenging and demanding course emphasizes a multirepresentational approach to calculus with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Topics covered include: analysis of graphs, limits of functions, asymptotic and unbounded behavior, continuity, derivatives, integrals and their applications, the Fundamental Theorem of Calculus, techniques and applications of antidifferentiation, parametric, polar, and vector functions, and polynomial approximations and series.

Optional: Approximately $90 for AP exam

Summer Requirements: There will be assigned work to be completed over the summer, that will be due on the first day of class.

Grades: 12

Prerequisite: The College Board recommends that before studying calculus, all students should complete four years of secondary mathematics designed for college-bound students: courses in which they study algebra, geometry, trigonometric, inverse trigonometric, and piecewise defined. In particular, before studying calculus, students must be familiar with the properties of functions, the algebra of functions and the graphs of functions. Students must also understand the language of functions and know the values of the trigonometric functions of the numbers 0, π/6, π/4, π/3, π/2 and their multiples.

* See college board website for further information at www.apcentral.collegeboard.com.

Year: 1 credit

Supplies: graphing calculator (see instructor for recommendation as to which one)

Music

Marching & Concert Band: 9, 10, 11, 12
Orchestra: 9, 10, 11, 12
Chorale: 9, 10, 11, 12
Concert Choir: 10, 11, 12
Chamber Singers: 10, 11, 12
Marching & Concert Band
The HHS Marching and Concert Band participates in many activities of the school and community throughout the year. These include football halftime performances, marching festivals, parades, pep band, music festivals, and concerts. It is through these activities that students are able to refine performance skills. There is also opportunity to participate in solo, ensemble, and jazz ensemble performances. The student’s grade is determined in part by participation in performances.

**Supplies:** Marching shoes and t-shirt (approx. $37)

**Grades:** 9, 10, 11, 12

**Prerequisite:** Middle School Band

**Year:** 1 credit

**Note:** Students who successfully complete four years of Marching Band will have a .5 credit of the HHS Physical Education requirements waived.

Orchestra
The HHS Orchestra provides music education and enjoyment through varied repertoire that includes the classics, alternative string styles, and chamber music. Many of the great composers and pieces are studied and performed. Students have opportunities to perform in festivals, concerts, as well as regional and state contests. An annual overnight road trip is also planned. In addition, there may be a small select performing group which plays alternative string music such as fiddle and rock.

**Supplies:** yearly tux rental ($15); vest purchase ($22); dress (approx. $60)

**Grades:** 9, 10, 11, 12

**Prerequisite:** Middle School Orchestra

**Year:** 1 credit

Chorale
Chorale is a choir for all freshmen singers as well as students who want to sing in choir for the first time. Students will build upon pre-existing vocal skills as well as develop new ones. Class time will be devoted to rehearsing for performances (two per semester) and building music fluency.

**Grades:** 9, 10, 11, 12

**Prerequisite:** None

**Year:** 1 credit

Concert Choir
Students must complete a simple audition to be selected for Concert Choir. Students with some background in choral singing, such as being enrolled in Chorale for a year, are typical students for this choir. Students will build upon their knowledge in music fluency, their understanding of historical music, and strengthen their vocal skills. Concert Choir performs three or four times per semester, including KSHSAA Festivals.

**Grades:** 10, 11, 12

**Prerequisite:** Audition

**Year:** 1 credit

Chamber Singers
Students selected for this ensemble have significant skills in music fundamentals as well as proficient vocal skills. Students in this ensemble will refine their knowledge and skills in preparation for collegiate ensemble singing. Chamber Singers perform about ten times each semester and participate in a biannual trip. Students selected for this group may participate and perform as members of Concert Choir and Chamber Singers; however, they should enroll in Chamber Singers.

**Grades:** 10, 11, 12

**Prerequisite:** Audition

**Year:** 1 credit

**Supplies:** Attire (approx. $150)
Physical Education and Health

Health/Wellness: 9
Advanced Health/Wellness: 10, 11, 12
Fitness/Aerobics: 9, 10, 11, 12
Physical Education Activities: 9, 10, 11, 12
Strength and Conditioning: 9, 10, 11, 12
Strength, Power and Speed: 9, 10, 11, 12
Advanced Strength, Power and Speed: 10, 11, 12

Health/Wellness
This is a course designed to address the areas of health and wellness from the behavioral perspective. Class activities include demonstrations, guest speakers, and small group activities. Topics such as Stress Management, Substance Use and Abuse, Eating Disorders, Human Sexuality, Safe Dates (which is an adolescent dating abuse prevention curriculum) and Suicide are explored with the goal being healthy choices based on factual information. CPR and First Aid information will be provided.

Grade: 9
Prerequisite: None
Semester: 1/2 credit

Advanced Health/Wellness
This is an advanced health class. Students will demonstrate the ability to use goal setting and decision-making skills to reduce health risks. The class will include accessing valid information, products and services to enhance health with the goal being choosing to live a healthier life. CPR and First Aid information will be provided.

Grades: 10, 11, 12
Prerequisite: Health and Wellness
Semester: 1/2 credit

Fitness/Aerobics
Promoting physical fitness and wellbeing is the main focus of this class. Students will participate in a variety of activities and exercises that improve their level of fitness, concentrating on the five components of physical fitness (cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition). Evaluation is based on improvement of fitness and participation in activities. Indian Fitness Assessment (PACER test, push-ups, curl-ups, and sit & reach) will be utilized to evaluate improvement of fitness.

Grades: 9, 10, 11, 12
Prerequisite: None
Semester: 1/2 credit
Supplies: Appropriate PE clothing, personal lock

Physical Education Activities
The physically literate individual demonstrates the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness. This course is designed to promote the overall fitness of the student. Activities will focus on all aspects of fitness and will include a variety of team and individual sports. Evaluation is based on improvement of fitness, participation and knowledge of skills. Indian Fitness Assessment (pace, push-ups, curl-ups and sit & reach) will be utilized to enhance the understanding of fitness measures.

Grades: 9, 10, 11, 12
Prerequisite: None
Semester: 1/2 credit
Supplies: Appropriate PE clothing, personal lock

Students who successfully complete four years of Marching Band will have a .5 credit of the HHS Physical Education requirements waived.
Strength and Conditioning
This course is designed to maximize speed, quickness, strength, and explosive power through weightlifting, strength training, and plyometrics. The students will demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness. Evaluation is based on attitude, effort and participation. Students will also be measured on gains on the bench, power clean, squat, pro-agility run and 20 and 40 yard sprints. Students will be tested at the beginning of the semester, buffer week and at the end of the semester.

**Grades:** 9, 10, 11, 12
**Prerequisite:** None
**Semester:** 1/2 credit
**Supplies:** Appropriate PE clothing, personal lock

Strength, Power and Speed (SPS)
The objective of this class is to build Strength, Power and Speed through explosive exercises that mimic athletic movements and/or strenuous activities performed throughout life. We will focus on explosiveness, stability, flexibility and injury prevention. The core of the program will be getting our students and athletes ready to take on the challenge of competition and/or develop healthy exercise habits through strength, power and speed training exercises. The SPS staff will constantly communicate with specific sport coaches, the athletes and the students, to make sure we are taking care of their bodies. We want to make sure that athletic sports skills, as well as the overall performance of all students, are highlighted because their bodies are ready to perform by building a good base in SPS. We also believe that our students and athletes, no matter their sport or activity, all working together in the same class will help build cohesiveness between sports, strong bonds through hard work and a renewed school spirit that will be infused into the student body. In SPS, we are not trying to build body-builders; we are building athletes and developing healthy exercise habits in our students that will benefit them throughout their lifetime. All students at HHS with a strong desire to work and get better are welcome in SPS. Any student playing a sport at HHS should be enrolled in SPS!

**Grades:** 9, 10, 11, 12
**Prerequisite:** None
**Semester:** 1/2 credit
**Supplies:** Appropriate PE clothing, personal lock

Advanced Strength, Power and Speed (SPS)
As with SPS, the objective of this class is to build strength, power and speed through explosive exercises that mimic athletic movements but focuses more on sport specific training. We will focus on explosiveness, stability, flexibility and injury prevention. The core of the program will be getting our students/athletes ready to compete so they are at their best during their specific sport. The SPS staff will constantly communicate with specific sport coaches and the students/athletes to make sure we are taking care of their bodies. We want to make sure our students/athletes’ skills are highlighted because their bodies are ready to perform by building a good base in SPS. We also believe that our students/athletes, no matter their sport or activity, all working together in the same class, will help build cohesiveness between sports and activities, strong bonds through hard work and a renewed school spirit that will be infused into the student body. In Advanced SPS, we are not trying to build body-builders; we are building athletes and developing healthy exercise habits in our students that will benefit them throughout their lifetime. Advanced SPS is designed for competitive junior varsity and varsity athletes. Coach’s approval is required for admittance.

**Grades:** 10, 11, 12
**Prerequisite:** Coaches Approval Required
**Semester:** 1/2 credit
**Supplies:** Appropriate PE clothing, personal lock
Students may also earn science elective credit by successfully completing:

(See Agriscience and NCK-Tech sections for the following classes)

Animal Science
Plant/Soil Science
Horticulture
Research In Agriculture Science
Allied Health

Integrated Science
This science course will draw upon the principles of several scientific specialties—physics, earth science, and astronomy—and organize the material around thematic units. Units will include Newtonian mechanics, electricity and magnetism, energy transformations and conservation, the history and architecture of Earth and its atmosphere, motion beyond the earth, stellar evolution, engineering processes, and the development and organization of the universe. Students will use lab activities and computer models/simulation to enhance coursework. These topics align with the high school Kansas College and Career Ready Standards for science and the course should be considered a starting point for advanced study in physical sciences. Replacement costs for items broken by the student will be charged.

Grades: 9, 10
Prerequisite: None
Year: 1 credit
Supplies: spiral notebook, non-red writing utensil, calculator, earbuds or headphones

Integrated Science Honors
This science course uses mathematics to seek the understanding of the principles of several scientific specialties—physics, earth science, and astronomy—and organize the material around thematic units. It is taught at an accelerated pace with increased student responsibility and a required original research project. Units will include Newtonian mechanics, electricity and magnetism, energy transformations and conservation, the history and architecture of Earth and its atmosphere, motion beyond the earth, stellar evolution, engineering processes, and the development and organization of the universe. Students will use lab activities and computer models/simulation to enhance coursework. These topics align with the Kansas College and Career Ready Standards for Science and the course is recommended for 9th graders in advanced math and science classes. Replacement costs for items broken by the student will be charged.

Grades: 9, 10
Prerequisite: Algebra I as an 8th grader
Year: 1 credit
Supplies: calculator, loose-leaf paper, non-red writing utensil, earbuds or headphones

Biology (QA)
Biology is a course that uses the inquiry process to facilitate student understanding and appreciation of the nature of science, diversity of life, dramatic beauty of the living world, and human influences on natural systems. Biology studies the components of life by asking questions, hypothesizing answers, performing experiments, and recording observations and data used to verify the hypothesis. More guided practice is provided to students in Biology than in Biology Honors. Replacement costs for items broken by the student will be charged.

Grade: 10
Prerequisite: Integrated Science
Year: 1 credit
Supplies: loose-leaf paper, non-red writing utensil, composition book, folder or 3-ring binder
Chemistry I Honors (QA)
Chemistry I Honors is a rigorous introductory course in chemistry. Upon successful completion of this year long course, the student will have demonstrated the minimum knowledge and skills to prepare for a first course in university chemistry. Chemistry I Honors emphasizes lab work in the study of the following topics: classification of matter, atomic structure (to include the modern concept of the atom), ionic and covalent compounds, chemical reactions, and stoichiometry (mathematical determination of reaction amounts). The student will apply algebra concepts in solving chemistry problems. The student is expected to be able to make substitutions and isolate unknown algebraic variables. An additional year of chemistry is suggested for students in which their college major requires a course in university chemistry. College majors that require university chemistry as a cognate are: biology, geology, physics, pre-pharmacy, engineering and pre-medicine. Replacement costs for items broken by the student will be charged.

Grades: 10
Prerequisite: Integrated Science, Advanced Algebra II or concurrent enrollment
Year: 1 credit
Supplies: black pen, lab notebook, non-graphing scientific calculator

Chemistry II Honors (QA)
Chemistry II Honors is a continuation of Honors Chemistry I. Possible topics include: acids and bases, thermochemistry, electrochemistry, chemical equilibrium, reaction rates, nuclear chemistry and organic chemistry. It should be considered by all students planning on taking university chemistry. University majors requiring chemistry are the pre-professional programs, engineering, chemistry, geology and more. Check the requirements of your university major. Replacement costs for items lost or broken by the student will be charged.

Grades: 11, 12
Prerequisite: Chemistry I Honors or Chemistry I with Teacher Recommendation
Year: 1 credit
Supplies: 3-ring binder, black pen, loose-leaf paper, non-graphing scientific calculator

Biology Honors (QA)
Biology Honors is a college prep course that uses inquiry processes to investigate in more depth, the biology of living things. Investigations are used to facilitate student understanding and appreciation of the nature of science, diversity of life, dramatic beauty of living world, and human influences on natural systems. Biology Honors studies the components of life by asking questions, hypothesizing, performing experiments, and recording observations and data used to verify the hypothesis. Replacement costs for items broken by the student will be charged.

Grades: 10
Prerequisite: Integrated Science Honors or Freshman Science Teacher Recommendation
Year: 1 credit
Supplies: loose-leaf paper, non-red writing utensil, composition book, folder or 3-ring binder

Chemistry I (QA)
Chemistry I is a college-prep course, which includes traditional chemical concepts and laboratory skills. Students will develop problem-solving skills to be used throughout the course. Emphasis is placed on the following topics: scientific measurement, states of matter, matter and change, atomic structure, the periodic table, ionic and covalent bonding, chemical naming of pure substances, writing formulas, chemical reactions and stoichiometry. This course is designed for students who might be going to college but not necessarily majoring in math or science. Replacement costs for items broken by the student will be charged.

Grades: 11, 12
Prerequisite: Integrated Science, Algebra II or concurrent enrollment
Year: 1 credit
Supplies: black pen, lab notebook, non-graphing scientific calculator

Chemistry II Honors (QA)
FHSU Concurrent Credit Optional
Chemistry II Honors is a continuation of Honors Chemistry I. Possible topics include: acids and bases, thermochemistry, electrochemistry, chemical equilibrium, reaction rates, nuclear chemistry and organic chemistry. It should be considered by all students planning on taking university chemistry. University majors requiring chemistry are the pre-professional programs, engineering, chemistry, geology and more. Check the requirements of your university major. Replacement costs for items lost or broken by the student will be charged.

Optional: FHSU tuition for concurrent credit (3hrs.). See page 9 - 10
Grades: 11, 12
Prerequisite: Chemistry I Honors or Chemistry I with Teacher Recommendation
Year: 1 credit
Supplies: 3-ring binder, black pen, loose-leaf paper, non-graphing scientific calculator

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Scientific Research and Design
In the Scientific Research and Design course, students conceive, design and complete a project using scientific inquiry and experimentation methodologies. Emphasis is placed on safety issues, research protocols, controlling and/or manipulating variables, data analysis, and communicating the project and its outcome(s). Each student is required to participate in an instructor-sanctioned Science Fair plus one other event such as the following: Science Bowl, Science Olympiad, EcoMeet, Junior Academy of Science, or Junior Science and Humanities Symposium. The class is a science elective for 10-12 grade students. Replacement costs for items broken by student will be charged.

Projects: Cost of individual projects will be the responsibility of the student. The total cost of the project must be paid before construction can begin.

Grades: 10, 11, 12
Prerequisite: Instructor approval required for enrollment
Semester/Year: 1/2 credit/1 credit *Students may enroll in fall semester or all year.

Advanced Field Biology (QA)
Advanced Field Biology-is a course intended to acquaint students with a practical approach to diversity, systematics, biology and identification of terrestrial animals and plants. Students will use theoretical and practical techniques to examine methods of collecting and identifying animals and plants, estimating population size, biodiversity, conducting animal surveys, and data analysis. Subtopics within field biology such as entomology, ornithology, dendrology, agrostology, mammalogy, herpetology, and ichthyology may be studied. Replacement costs for items lost or broken by the student will be charged.

Grades: 10, 11, 12
Prerequisite: Instructor approval required for enrollment
Semester/Year: 1/2 credit/1 credit
Supplies: black pen, loose-leaf paper

Environmental Science
Environmental Science is the objective study of how the natural world works, how our environment affects us, and how we affect our environment. Environmental science describes how Earth’s systems function and how we influence these systems, giving us a big-picture understanding of the world and our place within it. Studying environmental science helps us comprehend the problems we create, and it illuminates ways to fix those problems. This course will help you learn to make decisions based on data and evidence, a hallmark of citizens who are scientifically literate.
Replacement costs for items lost or broken by the student will be charged.

Grades: 9, 10, 11, 12
Prerequisites: None
Semester: 1/2 credit
Supplies: spiral notebook, black pen

Human Biology (QA)
FHSU Concurrent Credit Optional
Human Biology is a course intended to introduce the student to an overview of structure and function of the human body. The classical approach of studying human body systems will be utilized. A review of biological principles will be studied first semester before beginning the study of Human Systems. Replacement costs for items broken by the student will be charged. (Can be taken for 1/2 health credit.)

Optional: FHSU tuition for concurrent credit (3 or 4 hrs.). See page 9 - 10
Grades: 11, 12
Prerequisite: Biology or Biology Honors Recommended: Chemistry or Chemistry Honors I
Semester/Year: 1/2 credit/1 credit *Students may enroll in fall semester or all year. Must enroll in full year for concurrent credit.
Supplies: black ball point pen, loose-leaf paper
Advanced Physics (QA)
FHSU Concurrent Credit Optional
Did you know that most science-related college majors require a course in university physics? Completing this class will prepare you for success in those college classes. Along the way, your analytical and problem-solving skills will be strengthened, attributes which are highly desired by employers and undergraduate programs and emphasized on standardized tests such as the ACT and SAT. Twenty-five percent of the Medical College Admissions Test consists of physics applications and concepts, so if you’re considering a career in the medical field this is a class you should seriously consider taking. Although mathematics is the language of physics, math merely serves as a description of the physics you’ll be studying, not as the cause of the phenomena; success in this course depends on your verbal skills as well as your mathematical prowess. Replacement costs for items lost or broken by the student will be charged.

Optional: FHSU tuition for concurrent credit (3hrs.). See page 9 - 10

Grades: 11, 12
Prerequisite: Chemistry I Honors and Advanced Algebra II
Year: 1 credit
Supplies: black ball point pen, loose-leaf paper, scientific calculator

Social Science

World Geography:  9, 10, 11, 12
World History II: 10
American History: 11
AP U.S. History: 11
Current Issues I:  9, 10
Current Issues II: 11, 12
JAG-K: 10, 11, 12 (Jobs for America’s Graduates)
Course description can be found on Page 68
(Supplemental Support)

Business Economics: 10, 11, 12
Psychology: 11, 12
Sociology: 11, 12
American Government: 12
AP U.S. Government: 12
Helping Hands: 11, 12
Course description can be found on Page 41 (FACS)

World Geography (QA)
The purpose of this course is to educate and encourage the development of globally competent citizens and leaders. The course is designed to provide students with the knowledge, skills and attitudes to be engaged, responsible and effective members of a globally interdependent society. Most importantly, students will be asked to think deeply about their world, including its future, current issues, its impact on their local area, and their personal responsibility as global citizens.

Grades: 9, 10, 11, 12
Prerequisite: None
Semester: 1/2 credit

World History II (QA)
This course covers the political, economic, and social history of the world. It begins with the Renaissance and Reformation. From there the events which occurred in Europe and other parts of the world are covered while examining their immediate impact and also how they affect our world today. This course begins in the 14th century A.D. and concludes with some of the major events in the 20th century.

Grade: 10
Prerequisite: None
Semester: 1/2 credit
American History (QA)  
BCC Concurrent Credit Optional  
Modern American History covers the period beginning with America’s second century from 1877 with the settlement of the West, the industrialization of the United States, and the growth of the U.S. as a world power. Other eras covered will be the United States’ involvement in two world wars and the rise of superpower confrontations in the Cold War highlight the 20th century history of the nation, as well as the role of the U.S. as a world leader examined in the context of Vietnam and into the 21st century.  
Optional: BCC tuition for concurrent credit (3hrs.) - See page 9 - 10  
Grade: 11  
Prerequisite: None  
Year: 1 credit

Advanced Placement United States History (QA)  
BCC Concurrent Credit Optional  
Following the College Board’s national curriculum, this course focuses on developing students’ understanding of American history from approximately 1491 to the present. Students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods while developing and using the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. history course. Students can take the AP United States History exam in the Spring or enroll for concurrent credit through Barton Community College.  
Optional: Approximately $90 for AP exam or BCC tuition for concurrent credit (3 or 6 hrs.) - See page 9 - 10  
Grade: 11  
Prerequisite: None  
Year: 1 credit

Current Issues I (QA)  
This course is designed for freshman and sophomore students. This course will develop students’ knowledge of the basic principles and structure of the United States Constitution, the structure of our National, State, and Local Government, and how to actively participate in a civil democratic society. Students will investigate politics and policies that shape our country, state, and local community through the study of current events and issues. Ultimately, students will gain the intellectual power to recognize societal problems; ask good questions and develop robust investigations into them; consider possible solutions and consequences; evaluate evidence-based claims; and communicate and act upon what they learn.  
Grades: 9, 10  
Prerequisite: None  
Semester: ½ credit

Current Issues II (QA)  
This course is designed to enhance the students’ understanding of people, issues and events that shape our world. The course will include an analysis of global issues that shape the news to broaden students’ perspective of the world. The course will also explore domestic issues including but not limited to: politics and politicians, civil rights, economics and other issues that are newsworthy.  
Grades: 11, 12  
Prerequisite: None  
Semester: ½ credit
Business Economics
This course integrates economic principles with entrepreneurship and business concepts. Students will gain an understanding of our economy and how business operations are affected by economic decisions. Other topics include scarcity, the factors of production, demand and supply, competition, monopolies, trade, economic growth in developing nations, the global economy and many others.

CTE Career Cluster Pathways: Marketing and Business Finance
Grades: 10, 11, 12
Prerequisite: None
Semester: 1/2 credit (SS or Business Elective)

Psychology (QA)
FHSU Concurrent Credit Optional
This course is designed as a scientific study of human behavior and mental processes. Such topics as learning, memory, motivation, emotion, personality, and emotional disturbances will be studied to gain insight into behavior and to obtain practical information for dealing with situations in everyday life.

Optional: FHSU tuition for concurrent credit (3 hrs.). See page 9 - 10
Grades: 11, 12
Prerequisite: None
Semester: 1/2 credit

Sociology (QA)
NCK Tech Concurrent Credit Optional
Your life experiences have prepared you for the study of sociology. By observing and interacting with the environment around you and by reading about the environment, you have already gained some sense of how people typically behave and how societies are organized. Studying sociology is designed to raise awareness and understanding concerning societal issues and misconceptions. Sociology is a perspective from which we observe and question the world around us.

Optional: NCK Tech tuition for concurrent credit (3 hrs.). See page 9 - 10
Grades: 11, 12
Prerequisite: None
Semester: 1/2 credit

American Government (QA)
The key principles of American Government are defined and scrutinized as students gain a working knowledge of the complexities of U.S. Government. The need for civic responsibility and participation are stressed.
Grade: 12
Prerequisite: None
Semester: 1/2 credit

Advanced Placement United States Government and Politics
BCC Concurrent Credit Optional
Following the College Board’s national curriculum, this course introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. By examining politically significant concepts and themes, students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Advanced Placement United States Government and Politics is more rigorous and intended to reflect a college POLS 101 course. Students in this course may sit for the College Board Exam in May, enroll to receive college credit through Barton Community College, and/or experience a more challenging course in United States Government and Politics.
Fee: Approximately $90 for AP exam or BCC tuition for concurrent credit (3 hrs.). See page 9 - 10
Grade: 12
Recommendation: Students planning to take this course for AP credit should plan to take the course during the Spring semester.
Semester: 1/2 credit
Audio Video Production Fundamentals
This course provides a basic understanding of producing audio and video for a variety of uses. Topics include analyzing the pre-production, production and post-production process, as well as exploring the equipment and techniques used to develop audio and video projects. Students will learn the basics, from the creation of projects to editing and recording, camera features, angles, lighting, mounts and sound, for delivering a finished product through digital audio and video editing. Students will also learn primary operations and functions of the radio and television industry. Emphasis will be placed on news, commercial and interview writing, as well as broadcasting. Requirements may include filming and broadcasting events outside of the school day and extra hours outside of the classroom. Some student projects may be used for Tribe Broadcasting production content.
**CTE Career Cluster Pathway:** Digital Media
**Grades:** 9, 10, 11, 12
**Prerequisite:** None
**Semester:** 1/2 credit

Video Production
This course applies the technical skills learned in Audio Video Production Fundamentals by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. This course continues to build upon the concepts taught in Audio Video Production Fundamentals. Students will work as a team to complete projects for Tribe Broadcasting, as well as Tribe Radio productions. Advanced study in communications systems, multimedia productions, video editing techniques, audio editing and on-air techniques will be taught. Students may participate in public address announcing and/or sports/activity broadcasting. Projects will include filming and broadcasting events outside the school day; production hours outside of the classroom are required. *Students must apply and interview for a position on the video production media team. (Can be taken for computer credit.)*
**CTE Career Cluster Pathway:** Digital Media
**Grades:** 10, 11, 12
**Prerequisite:** Audio Video Production Fundamentals, Completed Application, Interview and Instructor Permission.
**Semester:** 1/2 credit

Digital Media Technology (not offered at this time)
Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital media and video today and in the future, a study of the relationship of work flow to project planning and completion and the software, equipment and tools used in the industry. Requirements include filming and broadcasting events outside the school day and extra hours outside of the classroom. *Students must apply and interview for a position on the video production media team.
**CTE Career Cluster Pathway:** Digital Media
**Grades:** 10, 11, 12
**Prerequisite:** Audio Video Production Fundamentals, Completed Application, Interview and Instructor Permission.
**Semester:** 1/2 credit
21st Century Journalism
21st Century Journalism promotes the development of skills needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, including the study of social networking sites and their use for promotional, reference and instructional purposes. Additionally, students will develop technical skills related to journalistic writing and interviewing for print and online media. Additional units of study will focus on the ethical and legal issues related to the field. (Can be taken for computer credit)

CTE Career Cluster Pathway: Digital Media
Grades:  9, 10, 11, 12
Prerequisites:  None
Semester:  1/2 credit

Photo Imaging
Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. (Can be taken for computer credit)

CTE Career Cluster Pathway: Digital Media
Grades:  9, 10, 11, 12
Prerequisite:  none
Semester:  1/2 credit
Supplies:  Students must provide own digital camera.

Digital Media Design and Production (formerly Newspaper)
Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism through the planning and production of a variety of communication projects. Topics include developing a production schedule, working as a team, and producing journalistic content for the newspaper’s online edition, including news and feature stories as well as audio, video and other content in digital formats. (Can be taken for computer credit)

CTE Career Cluster Pathway: Digital Media
Grades:  10, 11, 12
Prerequisite:  Application and/or instructor approval. It is suggested that students complete 21st Century Journalism and/or Photo Imaging to acquire needed technological skills.
Year:  1 credit

Applied Graphic Design (formerly Yearbook)
Applied Graphic Design provides students the opportunity to use their language and technical skills to collect the necessary information to produce a major graphic design project. Students will create and refine design concepts, apply principles and elements of design, and use leadership and teamwork skills to complete a collaborative project. (Can be taken for computer credit)

CTE Career Cluster Pathway: Digital Media
Grades:  10, 11, 12
Prerequisite:  Application and/or instructor approval. It is suggested that students complete 21st Century Journalism and/or Photo Imaging to acquire needed technological skills.
Year:  1 credit
## Technology Education

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### Manufacturing/Production

**Introduction to Metals**
This is an introductory level course designed to instruct students in the basic skills of Oxy-Fuel Welding and Cutting, Shielded Metal Arc Welding, Gas Metal Arc Welding, Gas Tungsten Arc Welding, Hand Forging and Sheet Metal Fabrication. Students will be introduced to Basic Machining of metal. Students will learn basic design and drawing principles in the Welding Industry. Students will identify safe practices and follow proper safety procedures.

**CTE Career Cluster Pathway:** Production

**Projects:** Cost of individual projects will be the responsibility of the student.

**Grades:** 9, 10, 11, 12

**Prerequisite:** Technical Applications (recommended)

**Semester:** 1/2 credit

**Supplies:** Safety glasses, long sleeve cotton shirt, long pants, closed toe shoes, paint pen

**Production Welding Processes I (A)**
This course is designed to provide students with knowledge and skills in basic welding theories and terminology. The students will perform Oxy-Fuel Welding, Shielded Metal Arc Welding, Gas Metal Arc Welding, and Gas Tungsten Arc Welding in the flat and horizontal positions. Students will manufacture a required project to refine their skills with welding as well as blueprint reading. The required project will be pre-approved by the instructor for the semester.

**CTE Career Cluster Pathway:** Production

**Projects:** Cost of individual projects will be the responsibility of the student.

**Grades:** 9, 10, 11, 12

**Prerequisite:** Introduction to Metals, Technical Applications (required); AutoCAD I (recommended)

**Semester:** 1/2 credit

**Supplies:** Safety glasses, long sleeve cotton shirt, long pants, closed toe shoes, paint pen

**Production Welding Processes I (B)**
This course is designed to provide students with knowledge and skills in basic welding theories and terminology. The students will perform Oxy-Fuel Welding, Shielded Metal Arc Welding, Gas Metal Arc Welding, and Gas Tungsten Arc Welding in the flat and horizontal positions. The students will be introduced to the Braze Welding process, nondestructive and destructive testing activities and identification of welding symbols. Students will identify safe practices and follow proper safety procedures. Design and construction of an approved project will be required.

**CTE Career Cluster Pathway:** Production

**Projects:** Cost of individual projects will be the responsibility of the student.

**Grades:** 10, 11, 12

**Prerequisite:** Production Welding Processes I (A), Technical Applications and Auto CAD I

**Semester:** 1/2 credit

**Supplies:** Safety glasses, long sleeve cotton shirt, long pants, closed toe shoes, paint pen
Production Welding Processes II (A)
This course is designed to provide students with knowledge and skills needed for solving fabrication problems. The students will perform Shielded Metal Arc Welding, Gas Metal Arc Welding, Flux Core Arc Welding and Gas Tungsten Arc Welding in the vertical and overhead positions. Students will have a required Machining Project to prepare them for skills in the manufacturing industry. The students will perform activities with the plasma cutter and will identify safe practices and follow proper safety procedures. Design and construction of an approved project will be required.

CTE Career Cluster Pathway: Production
Projects: Cost of individual projects will be the responsibility of the student.
Grades: 11, 12
Prerequisite: Production Welding Processes I (A) and (B), Technical Applications, AutoCAD I
Semester: 1/2 credit
Supplies: Safety glasses, long sleeve cotton shirt, long pants, closed toe shoes, paint pen

Production Welding Processes II (B)
This course is designed to provide students with knowledge to solve written problems in fabrication and to layout and weld a project from a print. The students will identify safe practices and follow proper safety procedures. Design and construction of an approved project will be required.

CTE Career Cluster Pathway: Production
Projects: Cost of individual projects will be the responsibility of the student.
Grades: 11, 12
Prerequisite: Production Welding Processes II (A), Technical Applications, AutoCAD I
Semester: 1/2 credit
Supplies: Paint pen, safety glasses, long sleeve cotton shirt, long pants, closed toe shoes

Technical Applications
Technical Applications is an intro level course focusing on product design, development and communication. Students visualize ideas by creating technical drawings using AutoCAD software and manual drafting. Prototyping and final products are created by students using technical equipment such as 3D printers and screen printing. Materials and processes in Wood and Metal Production, Aerodynamics, basic electrical systems as well as other technical areas are emphasized.

CTE Career Cluster Pathway: Construction and Design; Production
Projects: Cost of individual projects will be the responsibility of the student.
Grade: 9, 10, 11, 12
Prerequisite: None
Semester: 1/2 credit
Supplies: One 3-ring notebook

AutoCAD I
AutoCAD I is an introductory computer aided design course concentrating on the basic knowledge and skills necessary to successfully use AutoCAD software. Students design, engineer and create mechanical and architectural designs using AutoCAD software. 3D printing technology further the students understanding of designing, developing, prototyping and redesign processes. This course is specifically designed to develop the speed, versatility and accuracy demanded by today’s professionals. (Can be taken for computer credit)

CTE Career Cluster Pathway: Construction and Design; Production
Projects: Cost of individual projects will be the responsibility of the student.
Grades: 9, 10, 11, 12
Prerequisite: Technical Applications
Semester: 1/2 credit
Supplies: One 3-ring notebook
AutoCAD II
AutoCAD II develops advanced 2D & 3D technical communication skills and knowledge in a project-based environment. Using AutoCAD and Inventor software, students create the necessary 2D & 3D technical working drawings and present them in a professional portfolio format. Related project industries include; mechanical engineering, architectural engineering, manufacturing, welding, sheet metal, metal machining, and the building and construction trades. (Can be taken for computer credit.)

CTE Career Cluster Pathway: Construction and Design; Production
Projects: Cost of individual projects will be the responsibility of the student.
Grades: 10, 11, 12
Prerequisite: Technical Applications and AutoCAD I
Semester: 1/2 credit
Supplies: One 3-ring notebook

Architectural Design I
The design and planning of residential and commercial buildings is an important part of a successful project. Architectural Planning explores design elements and concepts necessary to meet the commercial or residential needs of a client. Students design a residential structure of their choice and complete floor plans, interior and exterior elevations, electrical plans and perspective drawings to communicate their unique design using AutoCAD Software. (Can be taken for computer credit)

CTE Career Cluster Pathway: Construction and Design
Projects: Cost of individual projects will be the responsibility of the student.
Grade: 10, 11, 12
Prerequisite: Technical Applications and AutoCAD I
Semester: 1/2 credit
Supplies: One 3-ring notebook

Architectural Design II
Planning and design plays an immeasurable part in today’s world, as every structure must first be visualized, designed and engineered. Architectural Design II studies residential planning and design as well as structural elements of roads, bridges and residential housing. Students design a residential structure of their choice and complete structural plans and plot plans using AutoCAD Software. Students also experience building scale model bridges. (Can be taken for computer credit)

CTE Career Cluster Pathway: Construction and Design
Projects: Cost of individual projects will be the responsibility of the student.
Grades: 10, 11, 12
Prerequisite: Technical Applications, AutoCAD I and Architectural Design I
Semester: 1/2 credit
Supplies: One 3-ring notebook
Research & Design
Research & Design provides opportunities to explore technical areas of interest, while demonstrating the knowledge and skill gained through a final project. Commercial and residential architectural engineering, mechanical and structural engineering, landscaping design, advanced technical communication are examples of areas that may be researched. Projects may include: scale home and bridge models, landscaping, mapping, technical plans and electric vehicles. Students design and print T-shirts as well.
Note: Students may enroll multiple times.
CTE Career Cluster Pathway: Architecture & Construction
Projects: Cost of individual projects will be the responsibility of the student.
Grades: 11, 12
Prerequisite: Engineering Track (Required: Technical Applications, AutoCAD I and AutoCAD II. Strongly Suggested: Intro. to Metals and/or Woodworking Fundamentals); Architectural Track (Technical Applications, AutoCAD I, AutoCAD II, Architectural Design I & II)
Year: 1 credit
Supplies: One 3-ring notebook

Woodworking Fundamentals
This is a semester course designed to teach students machine and power tool safety in the woodshop and familiarize students with the processes involved in the woodworking area. This course provides students with experience in constructing furniture cases, tops and bases. Students learn to distinguish between various types of furniture construction and their appropriate applications, and how to use various woodworking machines and power tools for cutting and shaping wood. This course covers different methods of joining pieces of wood, how to use mechanical fasteners and how to attach hardware. Safety will be a focus of this course. Students will manufacture a project that has already been pre-approved by the instructor.
CTE Career Cluster Pathway: Construction and Design
Projects: Cost of individual projects will be the responsibility of the student. The total cost of the project must be paid prior to construction.
Grades: 9, 10, 11, 12
Prerequisites: Technical Applications (recommended)
Semester: ½ credit
Supplies: 3-Ring Folder, 16’ tape measure, approved safety glasses, pencil, black sharpie (permanent marker)

Production and Woodworking Techniques I
This is a one-year course of study designed to allow the student to further enhance woodworking skills. Students will experience in greater depth the skills and practices needed to prepare for a career in various fields in the woodworking industry. Students will study advanced applications in joinery, finishing, apply spray finishes, special operations, and design. The student will construct a project of their choosing.
CTE Career Cluster Pathway: Construction and Design
Projects: Cost of individual projects will be the responsibility of the student. The total cost of the project must be paid prior to construction.
Grades: 10, 11, 12
Prerequisites: Woodworking Fundamentals, Technical Applications (required - may be taken concurrently)
Year: 1 credit
Supplies: 3-Ring Folder, 16’ tape measure, approved safety glasses, pencil, black sharpie (permanent marker)
Production Woodworking III
This is a one-year course of study designed to cover specific aspects of cabinetmaking and furniture design. Skill development will include equipment and materials, methods and techniques, custom cabinetmaking, and material management.

CTE Career Cluster Pathway: Construction and Design
Projects: Cost of individual projects will be the responsibility of the student. The total cost of the project must be paid prior to construction.
Grades: 11, 12
Prerequisites: Technical Applications, Woodworking Fundamentals, Production and Woodworking Techniques I, AutoCAD I (recommended).
Year: 1 credit
Supplies: 3-Ring Folder, 16’ tape measure, approved safety glasses, pencil, black sharpie (permanent marker)

Production Woodworking III
Production Woodworking Technology III is designed for students pursuing advanced level knowledge and skills within the wood technology industry. It is a progressive course furthering the study of CNC equipment, composite panel products, veneering, and processes involved with fabrication. Students complete advanced projects while participating in field experiences, contests and industries.

CTE Career Cluster Pathway: Construction and Design
Projects: Cost of individual projects will be the responsibility of the student. The total cost of the project must be paid prior to construction.
Grades: 12
Prerequisites: Technical Applications, Woodworking Fundamentals, Production and Woodworking Techniques I and II, AutoCAD I (Recommended)
Year: 1 credit
Supplies: 3-Ring Folder, 16’ tape measure, approved safety glasses, pencil, black sharpie (permanent marker)
High school students attend NCK Tech for half of their school day and receive college credit for coursework. Automotive Technology serves as a lead-in program for post-secondary programs. Hands-on application in the shop and classroom theory of the eight areas of Automotive Service Excellence (ASE) certification are the foundation for the first year of Automotive Technology. Secondary students in the Automotive Technology program begin course work their junior year in high school and return for a second year as a senior. The combination of the two years of study in Automotive Technology allows for completion of the first year requirements toward the post-secondary Automotive Technology AAS Degree Program. Upon completion, students may enter the second year course work immediately after school. The Automotive Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF).

Upon completion of both years, students will have received hands-on instruction in the following areas of ASE certification: Brake Systems, Basic Electrical, Suspension and Alignment, Fuel Systems, Engine Theory, Automatic and Manual Drive Transmissions and Air Conditioning Systems. (Can be taken for 1/2 math credit and 1/2 computer credit from HHS).

**Auto Mechanics I**

**Fee:** Estimated yearly cost: $536 (This includes tool rental, books, shirts, ASE certification, Skills, and lab fee). Fee is set by NCK Tech and will be finalized in August. Tuition is covered under SB 155. Students must complete an online one-time NCK Tech application and pay the $50 non-refundable application fee. Students must also submit a letter with their application indicating why they want to attend the Auto Program at NCK Tech.

**Grade:** 11

**Time:** 8:00am - 10:30am or 12:30pm - 3:00pm

**Year:** 4 credits (HHS) 13 credits (NCK Tech)

**Auto Mechanics II**

**Fee:** Estimated yearly cost: $486 (This includes tool rental, books, shirts, ASE certification, Skills and lab fee.) Tuition is covered under SB 155. Completed NCK Tech College Application is on file.

**Grade:** 12

**Time:** 8:00am - 10:30am or 12:30pm - 3:00pm

**Prerequisite:** Auto Mechanics I, Completed Application with NCK Tech

**Year:** 4 credits (HHS) 14 credits (NCK Tech) - (26 credits NCK Tech - upon completion of Auto Mechanics I & Auto Mechanics II)

**Electrical Technology**

High school students attend NCK Tech for half of their school day and receive college credit for coursework. Electrical Technology serves as a lead-in program for postsecondary programs. The combination of the two years of study in Electrical Technology allows for completion for the first year requirements toward the post-secondary Electrical Technology AAS Degree Program.

Students completing both years of the Electrical Technology program and the general education requirements would qualify for the AAS Degree Program.

**Electrical Technology I**

This course is designed to allow students to gain exposure to and knowledge of basic electrical circuits and theory, blue print reading, motor controls and safety.

**Fee:** Estimated yearly cost: $605 (This includes tool rental, books, shirts and lab fee.) Fee is set by NCK Tech and will be finalized in August. Tuition is covered under SB 155. Complete an online one-time NCK Tech application and pay the non-refundable $50 application fee.

**Grade:** 11, 12

**Time:** 12:30pm - 3:00pm

**Year:** 4 credits (HHS) 14 credits (NCK Tech)
**Electrical Technology II**
This course is designed to provide training for residential wiring, national electrical code, solar energy systems and systems and safety. Students will become OSHA certified and First Aid CPR certified in this class.

**Fee:** Estimated yearly cost: $885 (This includes tool rental, books, shirts and lab fee.) Fee is set by NCK Tech and will be finalized in August. Tuition is covered under SB 155.

**Grade:** 12

**Time:** See your Counselor

**Prerequisite:** Electrical Technology I and a completed application with NCK Tech on file

**Year:** 4 credits (HHS) 12 credits (NCK Tech)

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**Pharmacy Technician**

High school students attend NCK Tech for half of their school day and receive college credit for coursework. The high school pharmacy technician program will introduce students to career options such as a pharmacy technician and other health field careers. The program provides the fundamental knowledge, skills and training needed for entry-level employment. Students receive training in pharmacy sciences, pharmaceutical calculations, community pharmacy practices, and hospital pharmacy practices. Students must complete a 180 hour externship. This externship is not during class time.

Students in the high school program can enroll in the program without taking general education courses and not complete the pharmacy certificate until 3 additional general education courses are completed. The high school students may also enroll in concurrent credit for computer applications, general psychology and essential math or a higher level math course and graduate with a pharmacy certificate. Students will also take the National Board Exam for Pharmacy Technician Certification. The *Pharmacy Technician Program is accredited by the American Society of Health-System Pharmacists (ASHP).*

**Fee:** Estimated yearly cost: $1425 for both semesters (This includes books, uniform, First Aid Certification, CPR, background checks, Kansas State Pharmacy Technician Registration and lab fees). Fee is set by NCK Tech and will be finalized in August. Tuition is covered under SB 155 with the exception of two courses (PHRM 101 Orientation to Pharmacy Practice and PHRM 106 Pharmacy Technician Certification). Students must complete the NCK application and pay the non-refundable $50 application fee.

**Grade:** 12

**Time:** 12:15pm - 3:30pm

**Year:** 4 credits (HHS), 26 credits (NCK)

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**Allied Health**

High school students attend NCK for half of their school day and receive college credit for coursework. Allied Health serves as a lead-in program for post-secondary programs. Priority enrollment is given to seniors. However, juniors who meet qualifications may be accepted into the program. Prospective students should have some aptitude for a health-related field.

- Training in Health Occupations with emphasis on pre-nursing
- CNA and CMA Certification
- First Aid and CPR certification
- ServSafe Certification
- OSHA-10 Certification for Healthcare
- Classroom theory with hands-on application in the clinical setting
- Students must complete a Reading Test or submit ACT scores before classes begin in August
- Students must obtain a negative TB Skin Test and bring the results in on their first day of class in August

This program provides an overview of different healthcare careers, medical terminology used in healthcare, disease transmission, infection control, communication, and safety in the healthcare setting. Students will be made aware of the current and projected needs of the careers discussed in the Allied Health program. Further, students will acquire at a minimum the skills, knowledge and attitude necessary to enter/or advance in the world of work. Coursework within the program enables students to test for certification as a Nurse Aid (CNA), Medication Aid (CMA), and in Healthcare CPR. (Can be taken for 1 credit of science.)
Fee: Estimated yearly cost: $191 (This includes books, lab fees, testing fees, state registration fee, CPR, First Aid and program shirt) Fee is set by NCK Tech and will be finalized in August. Tuition is covered under SB 155. Complete an online one-time NCK Tech college application and pay the non-refundable $50 application fee. The HaysMed Foundation Scholarship pays for 1/2 of the bill, leaving a balance of $191 that the student pays.

Grade: 12
Time: 8:00am - 11:00am
Prerequisite: Completed application with NCK Tech; MUST be 18 years of age before HHS graduation.
Year: 4 credits (HHS), 3 NCK Tech College transfer credits (Medical Terminology), 14 non-transfer credits (NCKTC)

Culinary Arts

High school students attend NCK Tech for half of their school day and receive college credit for coursework. Culinary Arts offers the job knowledge and skills to enter the food service industry. Students gain valuable hands-on experience in nutrition, buffet decoration, catering, baking, artistry for the baker and entrepreneurial skills.

Culinary Arts I

Fee: Approximately $880 (This includes books, uniforms, knife kit rental, testing fees and kitchen food fees). Fee is set by NCK Tech and will be finalized in August. Tuition is covered under SB 155. In year I, students will learn specifically about basic knife skills, sauces, stocks, soups, flavor profiles, dairy, menu analysis, food cost control and good purchasing techniques. Students will receive industry standard certifications in Serv Safe, Food Purchasing (manage first program), and Food Cost Control (manage first program). Complete an online one-time NCK Tech college application and pay the $50 college application fee.

Grade: 11, 12
Time: 8:00am - 10:30am
Year: 4 credits (HHS), 12 non-transfer credits (NCK Tech)

Culinary Arts II

Fee: Approximately $630 (This includes books, uniforms, knife kit rental, testing fees, kitchen food fees and the 2 credit hour Internship course ($302) that is not covered by SB 155). In year II, students will gain an understanding of meat principles and cookery, poultry, beef, pork, seafood/shellfish, fruits and fruit prep and cookery, vegetables and vegetable prep and cookery. Regarding baking, students will receive an introduction to artisan breads, quick dough, yeast breads, cakes, pies, cookies, desserts and specialty desserts. During the Internship, the student will be working in the Food Industry around the local area for valuable hands-on practical skills. Individualized goals will be set for the student prior to being placed out in the community for their hands-on experience. Completed NCK Tech College application is on file.

Grade: 12
Time: 12:30pm - 3:30pm
Year: 4 credits (HHS), 17 non-transfer credits (NCK Tech)
Special Education
Hays High School offers a continuum of services for those students requiring special education support. Qualified students are placed in the least restrictive environment as determined by a team decision. Students earn credits toward graduation through academic and vocational offerings. Individual case management will focus on opportunities for academic and intra- and interpersonal skills for each student.

Grades: 9, 10, 11, 12
Prerequisite: IEP teams determine enrollment in these classes.

Collaborative/Inclusive classes
Collaborative/Inclusive classes contain both regular and students on IEP’s. These classes meet the rigorous demands that are required to meet college admission standards and are taught by a general education teacher specially trained in that content area and a special education teacher or a para educator. Collaborative/Inclusive classes require students to have the necessary skills and motivation to complete and turn in assignments without assistance of an extra learning resource class. Homework will be required. Accommodations in these classes might include but are not limited to: tests and materials read aloud, extra help with organization, notes in modified form, extra one-on-one help, etc. IEP teams determine enrollment in these classes.

Resource Classes
Resource classes are taught by a special education teacher and allow for more individual help based on students’ instructional levels. Students progress through a modified general education curriculum aligned with state standards. Resource classes do not meet (QA) Regents curriculum standards or NCAA eligibility requirements. IEP teams determine enrollment in these classes.

Interrelated Classroom
Classroom programs for students with significant multiple disabilities are provided in the areas of math, English language arts, science and social studies, based on the Kansas curricular standards. Emphasis may focus on independent living skills within school and community-based environments. IEP teams determine enrollment in these classes.

Work Study placements for students who are juniors or seniors include opportunities in work-related areas and are available based on individual student needs. Work Study is an elective class and is a non-paid community based placement.
  • Work Study/Cooperative Work Experience (Special Education-focus is work skills related and not necessarily job specific.)
  • Work Study /Job Coach (Special Education-focus is work skills related for students who need job coaching.)
IEP teams determine enrollment in these classes.

The Gifted Program is designed to meet educational needs of individual students as identified by their IEP team. Services for high school students are generally on a consultative basis. These services may include a wide variety of alternative learning opportunities within the regular curriculum and outside the traditional classroom. IEP teams determine enrollment in these classes.
JAG-K (Jobs for America’s Graduates)

Jobs for America’s Graduates (JAG) is a state-based national non-profit organization. In more than three decades of operation, JAG has delivered consistent, compelling results—helping over one million young people stay in school through graduation, pursue postsecondary education and secure quality entry-level jobs leading to career advancement opportunities. JAG-Kansas is in its seventh year and currently serves 81 programs in 65 schools. The Hays High JAG-K program will begin its second year, 2019-2020.

JAG-K partners with Hays High School to provide a small-group classroom setting and implements the competency-based JAG National Curriculum through multiple tools, including Project Based Learning. JAG-K specialists invest time, compassion, and understanding into the program and their students. JAG-K students learn how to apply knowledge and use it to solve problems, answer complex questions, and create high-quality products. A key component to the program is employer engagement. The class frequently has guest speakers from the community and takes field trips to visit local businesses.

JAG-K students participate in a motivational student-led organization, the Career Association, to build on the skills gained in the classroom and to develop leadership and teaming skills to improve employability. The most unique component is the 12-month programming for students in school and 12-month post-graduation follow-up.

JAG-K is an elective class that provides academic and other positive supports to ensure students earn their diploma. By exploring career opportunities and practicing job attainment, job survival, career development, leadership, communication, and personal life skills students are prepared to successfully transition to post-secondary education, military service, or into the workforce following their graduation. JAG-K is preparing students for successful futures. The class counts as an elective credit or Social Studies elective credit.

Grades: 10, 11, 12
Prerequisite: Counselor Recommendation and Completed Application
Semester/Year: 1 credit

Career Exploration

Seniors enrolling in any or all work-related experiences will be expected to comply with regulations as prescribed by the individual work site for their employees to include dress code, attendance, orientations, etc. Students must maintain a 95% attendance rate to stay in the class. If students meet the criteria but are not sure if they want to take this class, they should still fill out the application.

Career Exploration

A (non-paid) formal, long-term supportive relationship between a learner and an adult whose knowledge and/or employment will assist the learner in conducting/participating in activities within the career interest. Student must also be enrolled in a class/program at HHS related to the area of career exploration. Requires application. Project development may be included. May not have career exploration supervised by a relative. Is not intended to supplement a job; must be career oriented.

Pass/Fail Grade
Grade: 12
Prerequisite: Completed application required, attendance rate must be at or above 95% previous year in school
Semester/Year: 1/2 - 1 credit

Service Learning

A (non-paid) method of instruction which helps learners understand the needs of their local community while gaining valuable skills which benefit them as citizens and employees.

- Leadership Project/SL (Student Council Officers)
- Teacher Assistant/SL
- Guidance Assistant/SL
- Office Assistant/SL
- Media Center Assistant/SL

Pass/Fail Grade
Grade: 12
Prerequisite: Completed application required, attendance rate must be at or above 95% previous year in school
Semester/Year: 1/2 - 1 credit
**The Learning Center of Ellis County**
Visit the Learning Center at www.hayslc.com

The Learning Center of Ellis County is an alternative and virtual program within USD 489 available to Hays High students needing to pursue credit recovery courses during the available summer school sessions.

The Learning Center of Ellis County offers a comprehensive curriculum through the online platform. Edgenuity is a research-based program that allows Hays High students to retrieve credits for core courses. Edgenuity is aligned to USD 489 and College and Career Ready Standards for all core classes.

Credit Recovery courses are a topic for discussion between the student and their respective counselor. Please be aware The Learning Center will not enroll a Hays High student in a summer school session without the proper form and notification from the student’s Hays High counselor. Fees for summer school courses vary from year to year and are set by the Board of Education.

**NOTE:** Edgenuity courses offered through The Learning Center do not count toward the 16 NCAA core courses.

### Credit Recovery

Course Offerings

**ENGLISH**
- English 9A/9B
- English 10A/10B
- English 11A/11B
- English 12A/12B

**MATHEMATICS**
- Algebra I A/B
- Algebra II A/B
- Geometry A/B

**SCIENCE**
- Life Science A/B
- Earth Science A/B
- Environmental Science A/B

**SOCIAL STUDIES**
- World History B
- American History A/B
- American Government

#### 2019 Summer School Sessions

- **May 21 - June 14**
  - Session 1: 8am - 11:45am
  - Session 2: 12pm - 3:45pm

- **June 17 - June 28**
  - Session 3: 8am - 2pm

#### 2020 Summer School Sessions

- **May 19 - June 12**
  - Session 1: 8am - 11:45am
  - Session 2: 12pm - 3:45pm

- **June 15 - June 26**
  - Session 3: 8am - 2pm

Learning Center Hours: 8 a.m. to 4 p.m.
Monday through Friday

The Learning Center calendar will follow the Hays High School calendar for early release days, in-service days and days when USD 489 is not in session.
Summer Opportunities

**Driver’s Education**

Drivers Education is designed to educate students in the basics of driving. The session is ten days long, which includes 3 days of classroom work and 7 days of driving. The course is competency-based whereby students must pass the written exams at 80% or higher. Students must also pass driving competencies. Students will work on aspects of driving that include, but are not limited to, basic maneuvers of starting, stopping, turning, negotiating intersections, parking, as well as driving on one-way streets, two-lane highways, and interstate. Student attendance is expected to be 100%.

**Fee:** Summer 2019: $225

**Prerequisite:** Must be 14 years of age prior to the first day of class.

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**Remedial Opportunities**

**Summer School**

During the summer, Hays High School and The Learning Center offer opportunities for credit retrieval. The classes offered each year and their cost are decided by the Board of Education each Spring. **If a student is in need of credit retrieval he/she should contact his/her counselor in early May for more information.**

<table>
<thead>
<tr>
<th>Course</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>The Learning Center</td>
</tr>
<tr>
<td>Math</td>
<td>The Learning Center</td>
</tr>
</tbody>
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**Sports - High School**

**Camp/Opportunities**

- Baseball Camp ..................................................TBD
- Boys Basketball Camp.................................Rick Keltner
- Cheerleading Camp.................................Laura Lemmons
- Football Camp........................................Tony Crough
- Girls Basketball Camp..............................Alex Hutchins
- Softball Camp..............................................Erin Wagner
- Soccer Camp ................................................Silas Hibbs
- Summer Weightlifting (optional for PE credit)....Tony Crough
- Volleyball Camp........................................Christin Nunnery
- Wrestling Camp.............................................John Hafliger

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**Sports - Youth & Middle School**

**Camp/Opportunities**

- Hays Basketball School (gr. 3 - 8).................Rick Keltner
- Middle School Basketball Camp....................Alex Hutchins
- Little Kids Basketball Camp........................Alex Hutchins
- Middle School Volleyball Camp.....................Christin Nunnery

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**Music**

**Private Summer Music Lessons**

- Band (private lessons)..........................Matt Rome
- Choir (private lessons)..........................Johnny Matlock
- Orchestra (private lessons)......................Nathan Mark

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**Summer Camp**

- Marching Band Jumpstart Week.................Matt Rome
- Orchestra Freshman Jumpstart Day............Joan Crull
- Chamber Singers Jumpstart Week...........Alex Underwood

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**Academic**

**Summer/Opportunities**

<table>
<thead>
<tr>
<th>Summer/Opportunities</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT Prep..................................</td>
<td>Suelyn Stenger</td>
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<tr>
<td>State FFA Convention..................</td>
<td>Curt Vajnar</td>
</tr>
<tr>
<td>KSHSAA Student Council Summer Workshop</td>
<td>Alicia Bungardt</td>
</tr>
<tr>
<td>Summer Weightlifting (optional for PE credit)</td>
<td>Tony Crough</td>
</tr>
<tr>
<td>Summer Broadcasting</td>
<td>Dan Balman</td>
</tr>
<tr>
<td>Debate/Forensics Jumpstart</td>
<td>Codi Fenwick</td>
</tr>
</tbody>
</table>

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**Sports - Youth & Middle School**

**Camp/Opportunities**

- Hays Basketball School (gr. 3 - 8).................Rick Keltner
- Middle School Basketball Camp....................Alex Hutchins
- Little Kids Basketball Camp........................Alex Hutchins
- Middle School Volleyball Camp.....................Christin Nunnery